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HEMIST AND DRUGGIST NOVEMBER 3, 1945

The
HEMIST AND DRUGGIST
or RETAILER - WHOLESALER - MANUFACTURER

ished 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

3430
XLIV NOVEMBER 3, 1945 Annual Subscription (with Diary) 25/-. Single copies 9d.

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INFANTS FOODS
1 2 & 3

There is
NO SHORTAGE of
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FOODS Nos. 1, 2 and 3

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through the usual channels

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Index to Advertisers pp. 5 & 6

A Rich Background of Vitamin Experience

FOR twenty-nine years vitamin research has been a major project in the Parke-Davis Laboratories. Many significant developments, including the following, have come from this work.

The first procedure for biologically measuring the vitamin D potency of cod-liver oil.

The first officially recognised method of vitamin A assay, in which Parke-Davis research workers co-operated.

The first label statement of potencies of both vitamins A and D of cod-liver oil.

The first published recognition that vitamin B (as it was originally called) consisted of two or more components.

One of the first concentrated vitamin B preparations.

Introduction of high potency fish-liver oils—such as 'Haliverol'—which made administration of vitamins A and D much easier and more certain.

•

SEND FOR TERMS FOR PARKE-DAVIS VITAMIN PRODUCTS

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PARKE, DAVIS & COMPANY
50 Beak St., London, W.1

Inc. U.S.A. Liability Ltd.

Show 'Elasto'—It Sells on Sight!

It's advertised as a Chemist's Line

Elasto

REGISTERED

The Wonder Tablet

Read What Users of 'Elasto' Say:—

(Original letters have been seen by a representative of "The Chemist and Druggist")

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As a sufferer of varicose veins, I must state hat before using 'Elasto' I was tortured with ired and aching legs. After taking a month's upply of 'Elasto' I remark with emphasis that he feeling of tiredness and aching has vanished. o all sufferers of varicose veins I certainly ecommend 'Elasto'—they are a boon."

P 1180. —— R. P.

Rheumatism

I may say that I have found 'Elasto' a wonderl help. For years I suffered with rheumatism feet and legs, and at times found it difficult to eep about. 'Elasto,' however, afforded me immediate relief, and, although I was relieved of the pains and inconvenience, I have never ceased to take them regularly, as I have found them to act as a tonic as well, giving me energy that I previously lacked. I have recommended them to many others since."

AT 1108. —— F. T.

Varicose Ulcers

"I have great pleasure in writing to say my legs are quite better and I cannot praise your 'Elasto' enough. I had suffered agonies with varicose ulcers; in fact I thought I should never get them better, but, thanks to 'Elasto,' my legs are completely cured."

AH 1263. —— E. H.

HESE generous acknowledgements are an indication of the solid goodwill behind Elasto. Thousands of users, all over the country, are daily telling their friends of similar xperiences with this fine remedy.

Recommend 'Elasto'—and a satisfied customer will recommend You!

A SOUND LINE
A GENEROUS PROFIT

Retail Price 5/- per pkt.
* Including purchase tax.

Wholesale 42/- per doz.
* Including purchase tax.

A FEW SHOWCARDS STILL AVAILABLE

P.A.T.A.

he NEW ERA TREATMENT CO., LTD.

DEPT. R

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A

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The sheet anchor was the largest and safest of the old anchors. Thus, the name has passed into common language as synonymous with security and dependability.

Two Sheet Anchors for Pharmacy in the post-war years:

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MEGGESON Bismuth DYSPEPSIA TABLETS

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★ Sold only by qualified chemists.

★ Advertised in 170 daily and weekly papers.

★ Well received by the public.

★ Generous profit to the retailer.

Supported by the time-honoured name of

MEGGESON & CO. LTD., LONDON, S.E.16

"Sally and Anthony John"

Crookes

Halibut Oil

Window Displays

Our comprehensive advertising campaign for Crookes Halibut Oil is now in full swing and, as usual, our advertisements inform the public that Crookes products are 'obtainable only from chemists'.

After a lapse of five years we are again able to offer you a direct link with our advertising in the form of full window displays.

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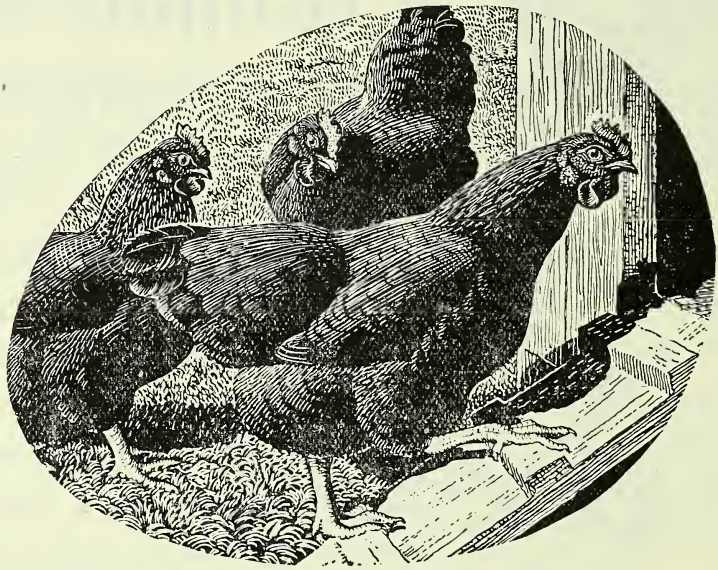
This set display will be installed by Messrs. The Window Display Co. and chemists wishing to have their windows dressed are nvited to apply direct, or through our representatives.

HE CROOKES LABORATORIES (*British Colloids Ltd.*) GORST RD., PARK ROYAL, N.W.10

Every poultry-run means customers for you



Wherever poultry are kept, on a big pedigree farm or in a small backyard run, th is an increasing demand for StockSense Concentrate Poultry Conditioner. promoting vigorous health, StockSense helps birds to attain maximum egg product and in the shortest time.

Furthermore the formula now provides each bird with a daily intake of mangane This ingredient prevents the laying of soft-shelled eggs, and is also a safeguard agai perosis (a disease of the bone joints) and slipped tendons in chickens.

See that you get your full share of StockSense sales ! Plentiful supplies are availa in all sizes: drums 7½d., 1/6 and 4/-, also 8/6 sacks. Manufactured by Bob Mar Ltd., Union Street, Southport.

STOCK SENSE

CONCENTRATE POULTRY CONDITIONE

P.A.T

NDEX TO ADVERTISERS

B. Products viii
ton Pill & Tablet Co., Ltd. 12
en & Hanburys, Ltd. ..... Front Cover
nerican Roland Corporation xiv
derson & Reeves, Ltd. 16
rton, Saunders & Co., Ltd. 8

rker, R., & Son, Ltd. xviii
echams Pills, Ltd. 11
ll, John, Hills & Lucas, Ltd. ..... Leader Page
nger's, Ltd. xv
-Colloids, Ltd. 15
ckwell, Hayes & Co., Ltd. 10
b Martin, Ltd. 4
ts Pure Drug Co., Ltd. xvi
tish and International Proprietaries, Ltd. xx
tish Dental Sticks, Ltd. 12
tish Rototherm Co. vi
tish Surgical & Drug Co., Ltd. 21
tton, Malcolm & Co., Ltd. vi
ntan, Ltd. 14
oks, B., & Co. 24
rgoyne Burbidges & Co., Ltd. i
rrough, James, Ltd. ..... Leader Page
rroughs Wellcome & Co. 27

mic, Ltd. 15
npbell Laboratories, Ltd. xvi
nrick, G. W., Co. 23
rus, A., & Sons, Ltd. vii
lon Laboratories, Ltd. xviii
emo-Plastics, Ltd. xi
a, Ltd. 28
ments, M. (Chemists' Sundries), Ltd. xx
de Utilities, Ltd. xii
tainer Reclamation Co., Ltd. x

Cox, Arthur H., & Co., Ltd. ..... Cover iv
Crookes Laboratories (British Colloids, Ltd.) 3
Cussons, Sons & Co., Ltd. ..... Cover iii

Dales Aspirin Co. 15
Daniel, Richard, & Son, Ltd. 13
Dearborn (1923), Ltd. 22
Denver Chemical Mnfg. Co. 10
Devon, D. xiii
DeVermiNators, Ltd. xii
Drugs & Toilets (Pty.), Ltd. iv
Duncan, Flockhart & Co. iii
Dunn Bros. Successors, Ltd. ii

E.N.T. Manufacturing Co., Ltd. 22
Electric Lamp Manufacturers Association v
English Grains Co., Ltd. xviii
Excel Proprietary Co. 22

Freudentheil, Smith & Co. ..... Leader Page
Frischmann, H. ii
Fubex, Ltd. xiii
Furmoto Chemical Co. (Factors), Ltd. xvi

Gardiner & Co. (The Scotch House), Ltd. xi
Genatosan, Ltd. xv
Gosheron, John, & Co., Ltd. 15
Griffiths Hughes, E., Ltd. 13

Hall, Forster & Co., Ltd. 14
Harley, T., Ltd. xiii
Harrington's xx
Health Products Laboratories, Ltd. 12
Hirst, Stuart, Ltd. ..... Leader Page
Hough, Hoseason & Co., Ltd. 22

International Laboratories, Ltd. 8, 24
Ioco, Ltd. vii

Jeffreys, Miller & Co., Ltd. 15
Johns, Son & Watts, Ltd. xviii

(continued overleaf)

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Promulsin Powder

Stabilises suspensions and is an excellent base for all types of soap and foaming preparations.

Makes ideal creams with water and oil. Popular in catering trade for salad dressings, etc.

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Details of applications and formulas are contained in the two booklets "Promulsin" and "Promulsin Wax," available on request

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30 Baker Street, London, W.1

Telephone: WEL 6878

INDEX—(contd.)

Johnson & Johnson (G.B.), Ltd. 26
Jones, W. H., & Co. (London), Ltd. iv

Kearsley, C. & G., Ltd. 14
Kellys, J. (London), Ltd. iii
Kemball, Bishop & Co., Ltd. 18
Kemsales, Ltd. 14
Kershaw, A., & Sons, Ltd. xi
King, G., & Co., Ltd. xiv

London Pharmaceutical Laboratories, Ltd. 26
Loveluck Edwards & Co. xx
Luna Inserts, Ltd. vii

Marlene Products xx
Martin, Bob, Ltd. 4
Mascot Laboratories, Ltd. 12
Meggeson & Co., Ltd. 2
Menley & James, Ltd. 9
Mochi, D. S. xiv
Moessmer, E. K. xx
Morgan Korda & Co., Ltd. xx
Musterole Fine Products, Ltd. xiv

Napp, H. R., Ltd. Leader Page
New Era Treatment Co., Ltd. i
Newball & Mason, Ltd. iv
North British Rubber Co., Ltd. viii

Oxo , Ltd. 25

Palestine Potash, Ltd. iv
Parke, Davis & Co. Cover ii
Percenta, Ltd. xx
Potter & Clarke, Ltd. 17
Preemo & Silks 24
Price, A. S., Ltd. 12
Prince Regent Tar Co., Ltd. 6

Rabok Manufacturing Co., Ltd. xii
Rankin Bros. & Sons Leader Page
Ransom, Wm., & Son, Ltd. 19
Ravensworth (Printers), Ltd. xvii
Reliance Rubber Co., Ltd. ix
Rendell, W. J., Ltd. 20
Rentokil, Ltd. xi
Revai & Co., Ltd. i
Riddell Products, Ltd. 23
Robinson & Sons, Ltd. ix
Ruff & Co. 16

Salem (Pulverised Tragacanth), Ltd. iv
Scientific Chemical Manufacturing Co. xi
Scram Co. xii
Selka, Ltd. vii
Selmer Chemical Co. xv
Sessions, W., Ltd. 24
Shahani, M. G., & Co. v
Sherley, A. F., & Co., Ltd. xiv
Sigal, S., & Co., Ltd. 24
Smith, T. J., & Nephew, Ltd. ix, xi
Soft Drinks Industry
Spencer, I., & Co. (Aberdeen), Ltd. i
Splendor, Ltd. 10, i
Stace, M. E., & Co., Ltd. xiv
Stanning Proprietaries 1
Surgical Hosiery Co., Ltd. xvii
Suter, A. F., & Co., Ltd. ii
Sweetule Products, Ltd. xv

Tatlow, S., & Co., Ltd.
Thackray, C. F., Ltd. 1
Thornton & Ross, Ltd. 2

United Chemists Association, Ltd.

Virdox 1

Watford Chemical Co., Ltd.
Wesley, Harold, Ltd. 2
Whiffen & Sons, Ltd. xv
Whitakers (Kendal), Ltd.
Wilcox, Jozeau, & Co., Ltd. Leader Page
Wilson & Mansfield, Ltd. i

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to Hospitals, Public Institutions, Local Councils, &c

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Carbolic Disinfecting Fluids containing 10% to 80% Tar Acids.

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We are not yet able to reinstate this service on account of the continued shortage of materials and labour, but shall do so as soon as circumstances permit. In the meantime, the Company welcome your valued orders and enquiries through the post, and are determined to maintain the best possible service. By so doing, they hope to retain the Goodwill and Support of the individual Pharmacist and assist him in his fight against present day competition.

Ucal

WINTER PACKED GOODS

AYRTON'S home-policy during the whole period of War has been "Keep-going-quantities". Order often and just enough to keep you going, is the secret of good buying.

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The great popularity of the new, ready for use Parmint Syrup has brought many requests for a larger "family" size.
To meet this demand we are now introducing a 6-oz. bottle to retail at 2/10, including Purchase Tax. This gives the public 20 per cent. greater value than the 1/5 size.

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(a)	**Parmint Concentrated Essences**	**3/1½** inc. Tax
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(c)	**Parmint Syrup** (6-oz.)	**2/10** ,,

NOTE. Bottles of all sorts being still in very short supply, it would be a great help if our chemist friends could allow their orders for Parmint Syrup to be interchangeable.

CHEMISTS FORMULA CF and P.A.T.A.

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'Mickraform' sulphathiazole crystals—many hundred times smaller than the normal—have made possible a satisfactory *fluid* sulphonamide preparation for local use.

This stable, non-irritating, non-alkaline, sterile suspension has proved highly effective in the treatment of traumatic wounds, burns, gonorrhœa and pyogenic skin infections, especially impetigo. It is also ideally suited for use in major and minor operative procedures.

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BIRMINGHAM, 4

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COLDS!
COLDS!

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ANTIPHLOGISTINE, the ready-to-us medicated poultice, helps to relieve those distressing symptoms of a ches cold; cough, tightness of the chest muscular aches and pains.

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Prompt delivery from all wholesalers or direct from

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TABLETS

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Maintain good supplies of

Beecham's Pills

WORTH A GUINEA A BOX

FOR A QUICK SELLING LINE...

FLY TO

POWDERS
ALSO IN TABLET FORM

Made to a sound, approved formula. Extensively advertised and showing good profits.

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Manufacturing Chemists, Blackheath, Birmingham
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M-W 52

VIKELP
Nutritional Food Tonic

contains 10 essential Minerals and Vitamin B_1

This perfectly balanced Food Tonic can be recommended with every confidence in cases of

TIREDNESS, DEPRESSION, LASSITUDE, GENERAL DEBILITY

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No, we don't mean smoke. We mean something special, something so effective and simple that it soon becomes a quick and regular sale once you introduce it.

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(T. M. Regd)
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P.A.T.A.

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NEVROIDS
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and all Sundries Houses.

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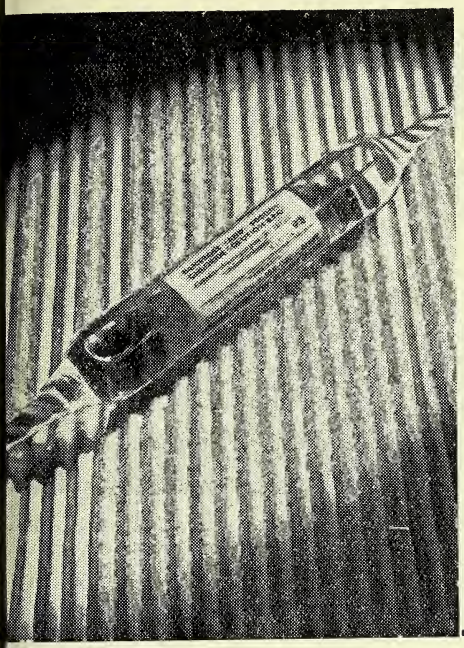

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'Something to clear this NASAL CONGESTION'

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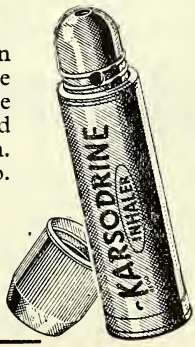

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EYE LOTION

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FOR COUGHS AND COLDS
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and
ELDON VAPORISERS
FOR WHOOPING COUGH

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prepared from

SYMBIOTIC BROTH CULTURES

Bacillus Influenzae (*Pfeiffer*). Anaeromyces bronchitica.

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P.A.T.A.

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COMPRESSED TABLETS

We can give deliveries on time and invite enquiries

for the Manufacturing & Wholesale Drug Trade

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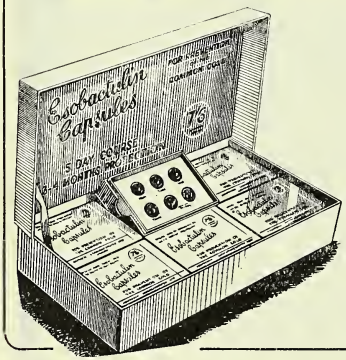
SILSDEN, Nr. KEIGHLEY, Yorks

Try them yourself!

FOR PREVENTION OF

COLDS

ESOBACTULIN CAPSULES



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EFFECTIVE: One course gives immunity for 3–4 months.

SAFE: No unpleasant reactions or negative phase.

The Capsules contain
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INCLUDING TAX

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2/8
INCLUDING TAX

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EST. 1812

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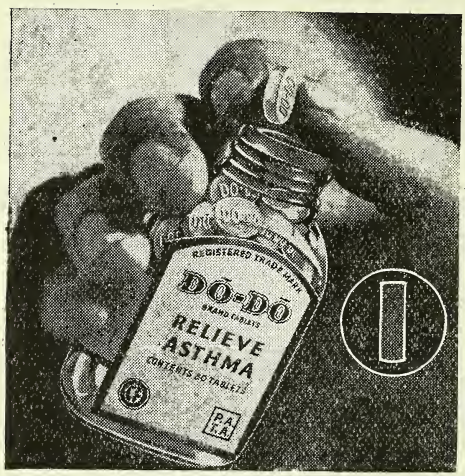

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CONTENTS

	Page
usiness Changes	450
oming Events	452
ompany News	450
orrespondence	469
eaths	452
ditorial Articles :—	
Production Census Changes	463
Two Months' Commerce	464
Minor Trade Reliefs	464
A Worthy Record	465
rst Post-war Dinner at Halifax	454
formation Wanted	462
egal Reports	448
ational Pharmaceutical Union	468
orth British Executive	453
Official Announcements	446
Overseas Trade News	470
Personalities	449
Pharmaceutical Society of Northern Ireland: Council Meeting	466
104th Session of the Society's College	461
Saga of London College of Pharmacy	456
Speech Day at Manchester	454
The Week in Parliament	448
Topical Reflections	447
Trade Marks	474
Trade Notes	451
Trade Report	471
Typhus Control Summarised	455
West London Reunion	465

NEWS OF THE WEEK

ndustrial Research Bill.—Under the ns of an Industrial Research Bill introed into the House of Lords recently by d Barnby, research associations financed a levy not exceeding 1 per cent. on orietors would be set up in every indus- A poll would be taken in each indus- and if proprietors to a number repreing 75 per cent. of the annual turnover evenue of the industry voted in favour the scheme, an association would be up.

ire Examination Results.—The followpassed the October Assistants' examina- of the Pharmaceutical Society of and: Kathleen Daly, Joseph Desmond hael Delaney, Neil Farren, John Joseph nn, Daniel Francis Gillen, William nedy, John Francis McAuliffe, Sarah e MacMahon, Catherine Elizabeth den, Michael Francis Moore, Aileen rlotte Murpny, Patrick Murphy, Cather- Murtagh, Ita Mary Naughton, Mary abeth O'Doherty, Martin Pennington. ty-two sat for the examination.

Seventh Supplement to B.P.C. — The seventh in the series of war-time Supplements to the British Pharmaceutical Codex has made its appearance. It is the largest and, it is hoped, the last. It contains seventeen monographs on substances included in the latest Addendum to the Pharmacopœia; fifteen monographs on substances that have not been described; amendments to Codex monographs; new formulas for fifty-six tablets and fifteen solution tablets; new test and volumetric solutions; additions to the list of proprietary names; and a cumulative index. The supplement, published by the Pharmaceutical Press, is priced at 7s. 6d.

1946 Design Exhibition.—A preliminary list of commodities to be displayed at the 1946 exhibition of design in British industry (see *C. & D.*) includes cameras, cine apparatus, fancy goods, toilet brushware and packaging materials for soap, perfumery and cosmetics. The catalogue will state the name of the manufacturer of each article, and inquirers will have facilities for getting

into touch with the firm concerned. Goods to be shown are selected (from articles submitted by manufacturers) by the Council of Industrial Design, Tilbury House, Petty France, Westminster, London, S.W.1. Telephone: Whitehall 6322.

Liverpool Social.—Liverpool Chemists' Association opened its winter programme with a social evening on October 9. Mr. B. M. Kelly was M.C. for the whist drive and Messrs. E. A. Briggs and J. P. Murphy, assisted by Miss Formby (Ayrton, Saunders & Co., Ltd.), supervised the games.

Films Shown at Bradford.—Bradford Branch of the Pharmaceutical Society opened its winter session on October 16 with a film display at the headquarters of Bradford Cine Circle. The films shown included "Chance's Optical Glass" and "Sulphonamide Therapy." Apprentices and students also attended.

Presentation.—On the occasion of his retirement, after fifty-five years with Newball & Mason, Ltd., manufacturing chemists, Nottingham, Mr. Albert M. Poxon (chairman) was presented with an antique bookcase by his fellow directors and the staff. The presentation was made at the works canteen on October 22 by Mr. E. M. Durham (managing director).

Eire Drug Imports.—Official statistics published in Dublin show that Eire imported perfume and cosmetics to the value of £41,019 in the first eight months of the year, against £8,700 for the corresponding period in 1944. Imports of ointments and salves reached a value of £20,259, against £24,704; medicines and medicinal preparations £273,414, against £288,643; and disinfectants and insecticides £44,385, against £30,155. Total imports of chemicals, drugs, perfumery, dyes and colours were £1,146,816, against £987,475.

Industrial Design Centres.—The Council of Industrial Design is promoting the establishment of design centres in all important industries, and particularly in sixty which have a substantial export trade. The centres are to be financed with industrial subscriptions augmented by Government grants on a £-for-£ basis up to a prescribed maximum. One of the main functions of each centre will be to carry out consumer research at home and abroad in relation to the design of products. The word "design" is taken as including structure, texture, form and decoration.

Thanks to Blood Donors.—A letter sent out from the school of pharmacy, Royal Technical College of Glasgow, over the signatures of the Lord Provost, the chairman and vice-chairman of the West of Scotland blood-plasma service, and Mr. J. P. Todd, Ph.C. (regional director), was included in the "Glasgow Herald" recently. The letter conveyed the thanks of the organisation to the donors, whose voluntary service had enabled thousands of pints of dried blood to be dispatched to the Forces in every theatre of war. Further volunteers were needed to carry on the work of the organisation.

Health Priority Number One.—In an address in London, on October 12, on the debt of public health to experimental medical research, Sir William Savage (former chief medical officer of health for Somerset) declared that preventive medicine was on the threshold of a third phase in its development. The first had been a great drive towards improvement of environment; the second largely one of attack on special diseases and conditions; and the third had as its aim the prevention of deviations from health, from whatever cause. Adequate nutrition was probably the greatest single factor affecting the health of the community, and a first priority.

Irish Chemists' Golf.—The final outing of the Irish Chemists' Golfing Society was held at Elm Park Golf Club, co. Dublin, on October 10, when competitions were held for trophies presented by Kodak, Ltd., and for cups. In the first contest, an eighteen-holes strokes, the scores were: 1, A. W. Hughes (18), 58; 2, P. J. Lynch (7), 68; 3, M. Costelloe (9), 70. In the next game, an eighteen-holes bogey, the results were: 1, A. Walsh (15), all square; 2, F. O'Brien (14), 2 down; 3, B. R. Smith (6), 2 down. A cup for members of the Society who had not won a prize during the season was won by J. Murray (14), 3 down. A dinner held later at the club-house was presided over by Mr. A. Maher (captain). On the motion of Mr. Hughes, seconded by Mr. J. Lynch, the donors of the prizes were thanked, and Mr. Stafford (Kodak, Ltd.) replied.

Ulster Chemists' Whist Drive.—Ulster Chemists' Association opened its winter social activities with a whist drive on October 17. Amongst those present were Mr. A. E. Johnston (president) and Mrs. Johnston, Mrs. Joseph Wellwood, Mr. and Mrs. J. R. Guiler, and Mr. and Mrs. John McGregor. Entertainment was organised by the social subcommittee (Mr. A. E. Johnston, Mrs. E. H. Barr, Mr. W. H. Boyd, Miss C. E. Culbert, Miss L. M.

Forrest, Messrs. H. W. Gamble, T. A. Gibson, J. R. Guiler, M. Hodges and Joseph Wellwood). Messrs. A. E. Johnston and W. H. Boyd were M.C.'s. Prizewinners were: *Ladies*, Mrs. Genn, Mrs. T. Gray, and the Misses E. W. Douglas and M. B. McEvoy; *Gentlemen*, Messrs. N. S. Ledlie, Ph.C., W. J. Crawford, Ph.C., W. J. Beattie, Ph.C., and W. J. McCutcheon. The prizes were distributed to the successful players by Mrs. Johnston.

Restrictions on Nurses' Title.—Regulations restricting the use of the title "nurse" and governing the licensing and control of agencies for the supply of nurses, were put into operation on October 15 by the Minister of Health and the Secretary of State for Scotland, under the Nurses Acts, 1943. It is now an offence for persons to use the title "nurse" unless they are State-registered nurses or enrolled assistant nurses. An exception is made in favour of children's nurses, and titles such as "trained nurse," "maternity nurse," "student nurse," "pupil assistant nurse," and others may be used by certain specified classes. Misuse of the title may involve a fine of £10 for the first offence and up to £50 for a second or subsequent offence. Agencies must be licensed by local authorities, and must supply only State-registered nurses, enrolled assistant nurses, midwives, or members of other classes allowed by the regulations. For operating an agency without a licence, a fine of £50 may be imposed, with a further penalty up to £5 for each day an agency is carried on after a previous conviction.

Dublin Chemists' Rugby.—The Irish Chemists' Rugby Football Club has secured its own sports ground at Kimmage, Dublin, it was announced at the third annual meeting of the Club, held recently in Dublin, with Mr. F. X. Meagher (president) in the chair. The acting secretary reported that last season had been the best to date. The Club had played fourteen matches, out of which it had lost two, drawn two, and won ten. The treasurer (Mr. J. J. Tierney) reported that the club would have closed last season with a comfortable, if not a handsome, credit balance, if it had not had to purchase a pavilion on the ground it had secured, and to pay rent in advance. The expenditure had resulted in a substantial debit balance. The following officers were elected for the year: *President*, Mr. J. K. Whelehan (president, Pharmaceutical Society of Ireland); *Vice-presidents*, Messrs. D. J. Nugent, J. J. Roche, F. X. Meagher, P. F. McGrath, M. Costelloe, A. J. Donnell, D. Woulfe, M. Nicell, G. C. O'Neill, A. F. French; *Captain*, Mr. Patrick Dennehy, M.P.S.I.; *Vice-captain*, Mr. James Fitzgerald; *Secretary*, Mr. P. A. Moran; *Treasurer*, Mr. J. J. Tierney, M.P.S.I.; *Committee*, Messrs. D. J. O'Leary, P. F. Twohig, M. Kissane, P. Murphy, and R. Shore.

North Down Chemists' Association.—At the October meeting of the North Down Chemists' Association, held in Bangor, co. Down, the president (Mr. S. E. Forrest, Ph.C., Bangor) occupied the chair. The president welcomed Mr. R. H. Anderson, Ph.C., Bangor, as successor to Mr. D. M. B. Kelly, Ph.C., and Mr. Anderson suitably replied. Sympathy was expressed with Mr. H. T. Page, Ph.C., who had been ill for some months; he had now recovered. It was agreed that the closing hours arranged for Bangor chemists for the winter of 1944–45 should be resumed forthwith (weekdays, 7 p.m.; Saturdays, 8 p.m.), and it was decided to recommend Bangor members that half-holiday service on Thursdays should be from 6–7 p.m., the whole question of half-holiday and Sunday service to be fully discussed at the next meeting. Mr. James McClenahan (secretary, Ulster Chemists' Association) gave an address on U.C.A. proposals for revision of N.H.I. dispensing contract terms. Copies of the U.C.A. proposals, with the supporting statement, and copies of correspondence between the U.C.A. and the Ministry, were distributed, and congratulations were expressed upon the manner in which the case had been presented. The following letter to the U.C.A., sent by the secretary of the North Down Association, expressed the view of the meeting:—

At a meeting of above Association, held on October 10, members had an opportunity of examining and discussing correspondence that has recently passed between your Committee and the Ministry of Labour regarding the National Health Insurance dispensing terms. The members of the North Down Association greatly admire the straightforward and capable way in which the various letters and documents to the Ministry were compiled, and on their behalf I have to convey congratulations and, indeed, sincere gratitude to those who have exercised so much time, thought and patience on this most important matter. My Association, being fully aware that the pharmacists' remuneration under the existing N.H.I. contract is and always has been most inadequate, wishes me to further state that it is wholeheartedly in agreement with your executive committee's views and proposals and pledges loyal support to any further efforts made.

OFFICIAL ANNOUNCEMENTS

Parcel Post to North Africa.—Uninsured parcels may now be sent to civil addresses in Algeria, Morocco (French Zone), Tunis and Cyrenaica, provided senders comply with export-licensing and currency-control regulations. Particulars and rates may be obtained from any post office.

Release of Storage Premises.—Return to industry of premises requisitioned during the war for storage purposes is to be accelerated. Wherever possible, more factories are to be turned over to production for the home and export markets. Provided that disposals depôts, labour and transport are forthcoming the aim of the Government is to ensure release of remaining factory accommodation by the end of 1946.

Port Health Regulations.—Amendments to port health regulations for the prevention of infectious and epidemic diseases have been introduced by the Minister of Health in an Order (S. R. & O., 1945, No. 1282) dated October 10. The regulations deal principally with restrictions on the movements of persons leaving or embarking on ships at ports. Copies may be obtained from H.M. Stationery Office, price twopence.

"Near Beer" a Soft Drink.—The Minister of Food has made an Order amending the Soft Drinks Order, 1943, as already amended, to provide that alcoholic drinks such as "near beer," which do not contain sufficient alcohol to bring them within the definition of "intoxicating liquor," are soft drinks and are not covered by the exemption of cereal products from the definition of soft drinks contained in the principal Order. The amending Order came into force on October 24.

Payment for Imports from Italy.—Post-liberation sterling accounts have been opened by the Banca d'Italia with the "big five" banks in this country (i.e., Westminster, National Provincial, Lloyds, Barclays and Midland) and with the Bank of England. The Banca d'Italia is understood to be applying a rate of 400 Italian lire to the £. Payment by the United Kingdom importer in accordance with contract terms can be made to these accounts through normal banking channels.

Christmas Gifts for Abroad.—Relaxations have been made in the exchange-control and export-licensing restrictions to allow private individuals to send goods abroad by parcel post as gifts during the months of November and December 1945. The goods in the parcel may not exceed £5 in total value and may not include certain specified goods including foodstuffs and soap. Post office regulations must be complied with, and the usual customs declaration must be marked "gift" and completed to show description and value of contents. Where the above conditions are fulfilled no application need be made to the Exchange Control or the Export Licensing Department for permission to send the parcel. The arrangements do not authorise the sending of gifts to persons who are enemies as defined in the Trading with the Enemy Act, 1939.

Purchase Tax on Plastic Vessels.—An Order has now been made reducing to $16\frac{2}{3}$ per cent. of the wholesale value (see *C. & D.*, October 6, p. 342) the rate of purchase tax chargeable on household goods of celluloid, bakelite or other plastic material derived from cellulose, casein, papier mâché or synthetic resin, being articles of a kind used in the preparation or serving of food or drink. The reduced rate applies only to goods delivered on sale, or appropriated to retail trade or similar purposes on or after November 3 or, in the case of imported goods, which are entered with the Customs or delivered from bonded warehouses for home consumption, as the case may be, on or after November 3. No rebate of tax is allowed on goods in retail stock already taxed at the basic rate. The Order is entitled the Purchase Tax (Alteration of Rates) (No. 5) Order, 1945.

Export Licensing Simplification.—A simplified form of application for export licence is being brought into use so soon as supplies can be printed. The revised form will call for considerably less information than was necessary during the war years. Pending introduction of the new form exporters completing the present application form need no longer answer questions 6, 7, 8, 9, 10, 12, 13, 14 and 15. On p. 3 country of destination only need be given instead of name and address of consignee as at present. Exporters are reminded that it is an offence to consign goods to a person included in the current Trading with the Enemy (Specified Persons) Orders, or to any territory (including Germany, Japan, Rumania, Hungary, Bulgaria and Siam) to which regulation 7 of the Defence (Trading with the Enemy) Regulations applies. Any goods sent forward for exportation and so consigned will be stopped by Customs and Excise officers.

TOPICAL REFLECTIONS

A Basic Industry

The annual meeting of the Association of British Chemical Manufacturers (p. 426) was the occasion of an important address by the chairman (Dr. P. C. C. Isherwood). Among the points made by him there are two that seem to me to be specially appropriate in the present circumstances. The first point is the fundamental nature of the chemical industry: "There is no form of manufacture or production, including agriculture, which is not dependent on the products of the chemical manufacturer in some form or other." As Dr. Isherwood said, it is doubtful whether Government departments and the general public fully appreciate what this means. As a matter of fact, the chemical industry is so sectionalised that the manufacture of a common substance may involve a multiplicity of related processes. The other day I was looking through "The Conquest of Bacteria," a short book on popular lines by Dr. F. Sherwood Taylor. As an example of "the enormous complication of our civilisation" he enumerates the steps leading to the manufacture of aspirin tablets. "Roughly speaking, nineteen chemical processes are needed, not counting those required to manufacture the chemicals involved in the making of the aspirin but not entering into the final product. . . ." Similarly, when we consider almost any of our leading industries we realise that several chemical processes have to be brought into operation. In the wool industry there must be purification of the raw material, dyeing, disposal of waste products and other factors, most of which call for the aid of applied chemistry. So also in the forging of steel, the making of glassware, engineering, building and several more industries.

Reaching the Customer

A second point in the same address indicates means of translating this accumulated knowledge and skill into terms of marketing. Potential customers, Dr. Isherwood believes, are not lacking: there is, he said, "much good will towards this country throughout the world." But this attitude on the part of a waiting world is "not enough." In order to prosper, "Britain must surpass her competitors in novelty, quality or price." The chairman's prescription for achieving success in the world's markets may be summed up in three words—research, salesmanship, service. Chemical manufacturers, it was added, fully appreciate these conditions, and will carry out their plans as fast as they can obtain the necessary technical staff, labour, plant and materials. A temporary boom, it is wise to remember, "would be followed by an era of intensifying competition." Dr. Isherwood's address also included a reasoned and, I think, an unexceptional defence of the arrangements associated with the word "cartels." He made the significant remark that it is illogical for workers, who demand security in employment, to be denied equal security for the products of their labour. An authoritative address of this kind formulates and reinforces ideas present in the minds of all thoughtful workers, employing or employed, in industry and commerce; and for this we are grateful.

Parliamentary News

Your decision to provide on an extended scale "entirely factual" reports of proceedings in Parliament (p. 432) is welcome. From an experience longer than that of many of your readers, I can testify that news obtained from the Palace of Westminster by you has always been strictly impartial. This attitude has undoubtedly been a factor in maintaining the high position that THE CHEMIST AND DRUGGIST has long held in the Press of this country. The contrast between the amount of space allotted in the daily Press to parliamentary proceedings and that allotted by the same papers and others fifty or sixty years ago is remarkable. Editors of these present-day newspapers, who are excellent judges of what the majority of their readers expect, decline to reserve space for columns of verbiage, and on occasion can reduce floods of irrelevance to the two words "after debate." The drawback to this procedure is that the good is sometimes swept away with the bad. A few members in both Houses do know what they are talking about: Carlyle's sarcasm (now almost forgotten) on "talking asses" was too comprehensive. When trading or professional matters are under discussion, well-informed members get a chance of expressing valuable truths; but these subjects do not easily lend themselves to the composition of pungent headlines, and accordingly take a minor position, if any, in daily Press reports. We trust you to select the best passages from speeches on such topics—speeches which otherwise would for the most part remain embedded in the little-read columns of Hansard.

Xrayser

LEGAL REPORTS

Manufacture Without Licence.—Said to have gained his B.Sc. in the University of California, U.S.A., and to be unable to obtain employment in England, Bhagat Ram, 7 Brownswood Road, Finsbury Park, London, N., pleaded guilty at North London magistrates' court on October 26 to charges of manufacturing controlled goods (perfumery and toilet preparations) without a Board of Trade licence, and for failing to keep proper records of his sales. The summonses were brought by the Board of Trade under the Toilet Preparations Order, 1943. It was stated that Ram's house at Finsbury Park had been searched by a Board of Trade investigator, and various toilet requisites found there. He had been selling them at markets in various parts of the country. A previous prosecution in connexion with this offence (*C. & D.*, September 22, p. 290) had been brought before the Court in September, when Ram had pleaded guilty to being in possession of methylated spirits without being an authorised methylator. For the defence it was pleaded that Ram was unable to find work in this country. He had been reduced to peddling his preparations around markets, his takings averaging £3 a week. He was fined £5 on each summons and ordered to pay £7 7s. costs, fourteen days being allowed in which to find the money.

Tax Offence Fine.—At Edinburgh sheriff court, on October 23, Alexander Grey Anderson, chairman of John T. Coats, Ltd., manufacturing chemists, 105 Broughton Street, Edinburgh, was fined £300 on charges connected with alleged purchase tax evasions. The offence was admitted. The procurator-fiscal said the company was registered for purchase tax, but "Andersons," the Arcade, Prince's Street, Edinburgh, of which Anderson was the proprietor, was not. Anderson obtained from Messrs. Coats cosmetics and perfumery liable to purchase tax and took them to his shop at the Arcade. Customs officials were not satisfied with entries in the books of the company and discovered that goods manufactured on the premises had been sold as finished articles in the Arcade. The wholesale value was £205 (purchase tax the same). Had the goods been manufactured in the Arcade they would not have been liable to purchase tax. For the defence it was stated that Anderson foolishly agreed to take the manufactured goods from the company. Tax had now been paid.

THE WEEK IN PARLIAMEN

October 22 : Shortage of Fertilisers

Mr. John Wilmot (Minister of Supply) asked whether, in view of the shortage potash fertilisers, he would make immedi arrangements for large shipments from G many of such fertilisers, especially kai as part of her reparations to this count Mr. Wilmot replied that, owing to shortage of coal, production of potash Germany was at a low level at present. T Ministry was keeping in close touch with situation, with a view to obtaining supp from this source so soon as output a internal transport conditions permitted t course of action to be adopted.

Rubber for Feeding-bottle Teats

More rubber is to be allocated for teats feeding-bottles, it was stated by Stafford Cripps (President of the Bo of Trade), in reply to a question whet he was aware of a prolonged and ac shortage in Norwich. He said he was aw that there were still some local shorta and he had arranged for considerably m rubber to be allocated to manufactur for the production of teats.

October 29 : Use of DDT

Indiscriminate use of the new insectic DDT, was the subject of a House Commons question to the Minister Agriculture by Mr. Vernon Bartlett, w asked whether the Minister was satis that indiscriminate use of this and G mexane would have no deleterious effe and whether the Ministry's scien advisers had been fully consulted be control of production had been remov

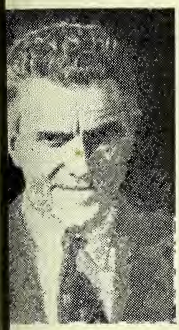
Mr. Tom Williams referred to a previ reply, but Mr. Bartlett pressed his po saying that after a spraying against n quitoes in Florida, no wind-pollinated fr had survived, while, after fruit trees been sprayed in this country, they bore fruit. The Minister replied he was not aw that DDT had been proved harmful in country.

Sanitary Towel Shortage

Continued shortage of sanitary to throughout the country was the sub of a question by Wing-Commander Mill ton. Sir Stafford Cripps (President of Board of Trade) stated: "I much reg the grave inconvenience that is caused. possible steps are being taken to allev the present shortage. I will make a furt statement on this matter in the course the next few days."

PERSONALITIES

R. S. T. JAMES, M.P.S., 420 Hoe Street, Walthamstow, London, E.17, who has been elected chairman of the local branch of the National Pharmaceutical Union, qualified in 1921 after four years in the Army. In 1922 he opened and developed a successful business for a small company, with which he remained until 1932, when he set up in business on his own account at Walthamstow.



ames sends us the following statements s aims and ambitions: "100 per cent. bership for the Branch; one noisy ing per month—in other words, from ch to screech."

EUTENANT J. J. HENDERSON (a son of J. Henderson, M.P.S., 351 Blackburn , Accrington) has been promoted cap-

REE sons of Mr. G. H. Travell (a direc- erard Bros., Ltd., soap manufacturers, ngham), all pilots, have been released the Royal Air Force recently. A fourth, n the R.A.F., is still serving.

E recipients of the Nobel Prize for cine for 1945 are Sir Alexander ing, Sir Howard Florey and Dr. E. C. , all of whom were associated with iscovery and development of penicillin.

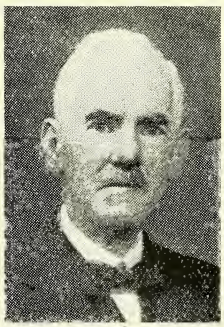
ARRANT OFFICER LESLIE NORMAN OTT, M.P.S., R.A.F.V.R., Galloway , Fleetwood, has been awarded the nguished Flying Cross "for keenness enthusiasm on numerous supply- ping missions during the siege of al."

. D. P. CUTHBERTSON, D.Sc., M.D., een appointed director of the Rowett rch Institute, Aberdeen, in succession John Boyd Orr, M.P. Dr. Cuthbert- who is Grieve Lecturer in physiological istry at Glasgow University, previously red in pathological biochemistry.

. EDWARD D. GLOVER, Tong Road Stores, New Wortley, Leeds, was a rvative and ratepayers' candidate in unicipal election at Upper Armley, , on November 1. Mr. Glover has been siness in the district for thirty years. He is Divisional Superintendent of the St. John's Ambulance Brigade, a life member of the Yorkshire Association of Bookmen, and a member of the executive of the Leeds Chamber of Commerce.

MR. JAMES MCDOWELL, Ph.C., Newtownards Road, Belfast, who has been elected president of the Pharmaceutical Society of Northern Ireland in succession to Mr. C. Abernethy (see p. 466), has been a member of the Council since 1935. He has the distinction of having held office in every pharmaceutical organisation in Northern Ireland. He was secretary and treasurer of the North Irish Pharmacists' Association before it was merged in the Ulster Retail Drug Trade Association, of which he was president in 1931. He is a member of the executive committee of the Ulster Chemists' Association, and secretary of the local Pharmaceutical Committee. He served his apprenticeship with Davidson & Murray, Mountpottinger, Belfast, remaining with the firm for four years before setting up for himself in 1914 at 201 Newtownards Road, Belfast, where he is still in business.

MR. R. J. GRAHAM, a representative of Boileau & Boyd, Ltd., manufacturing chemists, Dublin, in the Central and Western counties of Ireland, for almost half a century, was recently presented by Dr. A. E. Boyd (chairman of the company), in the presence of members of the staff and friends, with a cheque and radio set on behalf of the directors and shareholders. Dr. Boyd referred to the cordial relationship that had always existed between Mr. Graham and the members of the staff, and wished him many years of health and happiness in his retirement. Another presentation, an electric clock, was then made to Mr. Graham by Mr. A. Holmes (sales supervisor) on behalf of the senior members of the staff. Tributes to Mr. Graham were paid by Mr. A. A. Brunker, M.P.S.I. (managing director), Messrs. D. W. P. Boyd, M.A., and G. V. Boyd (directors), J. A. Cunningham (secretary), and other members of the staff. Mr. Graham responded.



COMPANY NEWS

WILLIAM A. HILL, LTD. (P.C.).—Registered in Belfast. Capital £6,000. Pharmaceutical chemists, etc. John G. Hill and John J. Hill, directors. R.O.: Bayview House, Asylum Road, Londonderry.

GEDDES & COTTAM (CHEMISTS), LTD. (P.C.).—Capital £3,000. Chemists, etc. Edwin A. Geddes, M.P.S., and Arthur Cottam, M.P.S., directors. R.O.: 143 Wickham Road, Shirley, Croydon.

MCCROTTY'S MEDICAL HALL, LTD. (P.C.).—Registered in Dublin. Capital £5,000. To acquire a business carried on at Main Street, Ennistymon and Lisdoonvarna, co. Clare, as McCrotty's Medical Hall. Mrs. Teresa McCrotty, director.

SMITH & THOMAS, LTD. (P.C.).—Capital £1,200. To acquire a mineral water business carried on as Smith & Thomas at 25 Barden Lane, Burnley. Hilda Culbert, George and Mrs. Evelyne M. Coates, directors. R.O.: As above.

ACES SURGICAL SUPPLIES, LTD. (P.C.).—Capital £1,000. Manufacturers of and dealers in surgical and scientific appliances, dressings, sundries, etc. Harry Burrows and Harold Davis, directors. R.O.: 88 Rusholme Road, Manchester.

FISHER & FISHER, LTD. (P.C.).—Capital £5,000. To acquire the business of a chemist and druggist formerly carried on by the late Mr. S. R. P. Fisher at 6 Orchard Street, Preston. Ethel and Irene E. Fisher, directors. R.O.: As above.

UNITED CHEMISTS' ASSOCIATION, LTD., Cheltenham and London. Mr. C. K. Gregory, M.P.S., Cheltenham, has been appointed chairman and managing director. Mr. Frank L. Dent, M.P.S., Stafford, has been co-opted to the board.

HORLICKS, LTD.—Profit for year ended March 31 amounted to £230,050, against £228,585 in the previous twelve months. Net profit was £88,756 (£86,274). Final dividend on the ordinary shares is 16⅔ per cent., making 30 per cent. (same) for the year.

WINDING-UP ORDER.—An Order has been made for the winding-up of Prepac Chemicals, 23 High Street, Cardiff.

PROTECTION ORDER.—Under the Liabilities (War-time Adjustment) Acts, 1941 and 1944, Frank McClellan, manufacturing chemist, Utopia, Point Clear Road, St. Osyth, Essex, was awarded a Protection Order on October 10.

BUSINESS CHANGES

MR. J. F. BROGAN, Ph.C., has opened a pharmacy at Carrick Road, Boyle, co. Roscommon, Eire.

NEWELL TRADING CO., LTD., have removed to 16 Fitzroy Street, London, W.1. Telephone: Museum 7582.

STEPHENS BROS. & BANNER, LTD., essential oil importers, have removed to 158 City Road, London, E.C.1. Telephone: Clerkenwell 4478.

THE Directorate of Office Machinery is now merged in the Industries and Manufactures (Engineering) Department, Board of Trade.

MR. CHARLES W. ROBINSON, M.P.S., has been appointed secretary of the Wholesale Drug Trade Association, and took up his duties on November 1.

SELLES DISPENSING CHEMISTS, LTD. have taken over the business of Robertsons 20 Davison Place, Dunston-on-Tyne, co Durham. The business will be conducted as a branch of the company.

RETAIL LICENCE APPLICATIONS.—Elizabeth Richards, to acquire a business in made-up medicines and toilet goods previously carried on by Katherine Paterson at 30 Greenhill Road, Rutherglen, Glasgow.—Ronald H. Baker, M.P.S., to carry on at Towngate Pharmacy, Leyland, Lancs, a business formerly conducted by Mr. G. E. Griffiths, M.P.S.—On October 5, Mr Arthur Taylor, M.P.S., appealed against a refusal by Blackburn Corporation to convert into a pharmacy, at 140 Mosley Street Blackburn, premises now vacant. The decision of an inspector under the Town Planning Acts is to be given later.—Mr Peter H. Bradley, M.P.S., to carry on at Moor Park Pharmacy, Garstang Road Preston, the business of Mr. F. A. Williamson

Proprietary Articles Trade Association

Additions to Protected List.—*Ashley & Weeks Ltd.*, Macaulay's original (1830) family lung syrup, 11s. doz., tax 1s. 10d. doz., inclusive retail price 1s. 6d. Macaulay's bronchial tablets, 7s. 8d. doz., tax 1s. 3½d. doz., inclusive retail price 1s.

International Laboratories, Ltd., Parmint new 6-oz. bottle 22s. 6d. doz., tax 3s. 9d. doz. inclusive retail price 2s. 10d.

Southern Utilities, Ltd., Anaemax, 4-oz. 18s. doz., tax 3s. doz., inclusive retail price 2s. 9d.; 8-oz., 30s. doz., tax 5s. doz., inclusive retail price 4s. 7d.

Tokalon, Ltd., Tokalon face powder, 9s. doz. tax 9s. doz., inclusive retail price 1s. 9d. £ orders through wholesalers, 8s. 3d. doz.

TRADE NOTES

Branded Ointments.—Thornton & Ross, td., manufacturing chemists, Linthwaite, uddersfield, offer a range of B.P. and .P.C. ointments under the brand name amaritan. The ointments are in 1-oz. and oz. amber jars with screw caps.

Available on Prescription.—The makers Liveroid (Oxo, Ltd., Thames House, ueen Street Place, London, E.C.4) point ıt that the product can now be supplied ainst medical prescription for the treat- ent of pernicious and other megalocytic iæmias.

Container Recovery.—During the war e Container Recovery Service has collected er 172 million fibreboard cases, drums d sacks, and put them back into service. hilst the present shortage of raw materials sts, retailers and wholesalers are urged save all usable containers.

Sprinkler-top Insecticide.—A new pre- ration, Blitz DDT insecticide powder, itable for household and horticultural e, is being offered in sprinkler-top tins of e size by the Scientific Chemical Manufac- ring Co., incorporating Universal Chemi- l Co., 2 Prebend Street, Leicester.

Trade Visit to England.—Mr. S. M. Hanif, Colootola Street, Calcutta, India, expects be in London by the end of October to eet members of the drug trade. Mr. Hanif s founder-secretary of the All-Indian emists' and Druggists' Federation, and cretary of the Calcutta Chemists' and uggists' Association.

Dienœstrol.—The wholesale and export partment of Boots Pure Drug Co., Ltd., ottingham, announces that dienœstrol- oots, a new synthetic œstrogen, is avail- le on trade terms through usual whole- lers or direct. The preparation is intended r the treatment of menopausal disorders d its low toxicity is one of the advantages imed.

Liver Extract by Mouth.—The British ug Houses, Ltd., London, N.1, have ade available Livadex oral brand of ext. pat. liq., B.P., following the issue of the ver Extract (Regulation of Use) Order, 45, under which it is permitted to admin- er oral preparations of liver for the treat- ent of pernicious and other macrocytic æmias on the prescription of a medical actitioner. Livadex oral is being adver- ed in the medical Press and is available containers of 4 fl. oz. and 16 fl. oz., bject to the usual discount.

Plastic Smallwares.—A. B. Products, Spring Lodge Works, Spring Lodge Place, Manningham Lane, Bradford, specialise in the manufacture of plastic articles for personal and domestic use. The present range includes combs—unfortunately still in short supply—teething-rings and beads; rattles; soap-boxes for the nursery and the dressing case; and a variety of hairdressers' sundries, including the universally used 404 braided hair-curler with patent clip end to prevent fraying.

Sales Conference.—The first national sales conference of Sangene Products, Ltd., was held in London recently, when Mr. L. Goldfine (managing director) entertained representatives of the sales organisation of Mr. Charles H. S. Blakey, Gainsborough and London. About thirty-five of Mr. Blakey's representatives were present, covering every county in Great Britain and Northern Ireland. Speeches were made by the chairman and Messrs. Fowles and N. W. Homes (technical adviser to Messrs. Sangene) and by various representatives. The company was entertained to tea and dinner and during the evening Mr. W. R. Craven made an appeal on behalf of the Royal Commercial Travellers' Schools, and a collection at the gathering realised £50. A toast to Mr. Goldfine was proposed by Mr. A. E. Smith, Portsmouth.

Publication on Inhalation Anæsthesia.—The Wellcome Historical Medical Museum has arranged to publish, in conjunction with the Oxford University Press, an important work on "The Development of Inhalation Anæsthesia from 1846 to 1900," by Dr. Barbara M. Duncum, of the Nuffield Department of Anæsthetics, University of Oxford, and formerly on the staff of the Wellcome Historical Medical Museum. The work is to be the first of the Museum's post-war series of research studies in the history of medicine. It deals exhaustively with the history of inhalation anæsthesia in England, the United States and on the European Continent, from the scientific and clinical points of view, and shows as well the influence of general current events upon this branch of surgery. Important features of the work are its investigation of the various changes of opinion in regard to the physiological action of anæsthetics, and the evolution and practical application of inhalers and other apparatus.

DEATHS

GIBBS.—Of beri-beri while in Japanese hands in Thailand, on November 27, 1943, Corporal A. G. Gibbs, R.A.M.C. (a director, J. R. Gibbs, Ltd., distributors, Paignton, S. Devon). His family and co-directors thank many friends for kind inquiries.

HOLDEN.—At 22 Morland Avenue, Bromborough, Cheshire, on October 18, Mr. Joseph Holden, aged seventy-one. Mr. Holden was for twenty-three years a representative of Robert Gibson & Sons, Ltd., Manchester and London.

HOLT.—On October 14, Mr. Harry Frederick Holt, M.P.S., Ormecliffe, Marine Drive, Rhos-on-Sea, North Wales. Mr. Holt qualified in 1920.

HOTHERSALL.—Recently, Mr. Robert H. Hothersall, M.P.S., for many years in business as a pharmacist at Union Road, Oswaldtwistle, Lancs, aged sixty-five.

QUARRELL.—On October 17, Mr. William Henry Quarrell, 9 Brechin Place, London, S.W.7, aged eighty-three. Mr. Quarrell had been solicitor to the Pharmaceutical Society since 1904 and an honorary member since 1943.

TROTT.—On October 9, Mr. Edward Henry Trott, M.P.S., Meadowfield, Rochdale Road, Middleton, Lancs. Mr. Trott qualified in 1902.

WRIGHT.—At the funeral of Mr. Herbert Cassin Wright, Ph.C., Harpenden, Herts (see *C. & D.*, October 20, p. 399), a number of representatives were present from Wright, Layman & Umney, Ltd., including Messrs. E. A. Umney (chairman), R. E. Conder (a director), C. Maskell and A. A. Coles (representing the staff and employees of the company).

WILLS

WING-COMMANDER MICHAEL TRENTHAM MAW, D.F.C., Deepdene, Rotha Road, Seaford, Sussex, left £8,522, with net personalty £8,434.

MAJOR NORMAN MAUND PORTER, Royal Marine Commandos, Broad Walk, Winchmore Hill, London, N.21, a director of S. Maw, Son & Sons, Ltd., left £5,539.

MR. WILLIAM ARTHUR TRAHAIR, Carwynnon, Saltash, Cornwall, senior director of Farley's Infant Food, Ltd., Plymouth, left £85,400, with net personalty £81,092.

MR. JOHN THOMSON COATS, Ph.C., 29 Fairmile Avenue, Edinburgh, late of John T. Coats & Co., Ltd., Broughton Laboratories, Edinburgh, left personal estate in Great Britain valued at £5,247.

COMING EVENTS

Tuesday, November 6

NORTH LONDON PHARMACEUTICAL ASSOCIATIO and BRANCH, Beales' Restaurant, Hollowa Road, London, N.7, at 7.30 p.m. Mr. Maxwell Savage, M.A., on "Sterilisation Surgical Dressings."

Wednesday, November 7

OXFORDSHIRE PHARMACEUTICAL ASSOCIATI and BRANCHES, Committee room, Tow Hall, Oxford, at 7.30 p.m. Mr. H. Pric Ph.C., on "Vaccines and Sera."

SOUTH-EASTERN ASSOCIATIONS, New Cross In New Cross Road, at 8 p.m. Mr. E. A. Broc lehurst (chairman, National Pharmaceuti Union) on "The Future of Pharmacy and t National Pharmaceutical Union."

NEWCASTLE DISTRICT AND NORTHUMBERLA and DURHAM BRANCHES, PHARMACEUTIC SOCIETY, Kinnaird Hall, Y.W.C.A., Savi Row, Newcastle, at 3 p.m. Debate: "That t pharmaceutical educational authorities ov estimate the importance of the professio aspect of pharmacy."

Thursday, November 8

SOMERSET BRANCH, NATIONAL PHARMACEUTI UNION, Moor's Café, Taunton, at 3.15 p. Mr. E. Skues (a member of the N.P. Executive) on "Problems Ahead."

LIVERPOOL CHEMISTS' ASSOCIATION a BRANCH, Royal Institution, Colquitt Stre Liverpool, at 7.30 p.m. Mr. C. Beaven, Ph on "The Riddle of Allergy."

PHARMACEUTICAL SOCIETY OF GREAT BRITA 17 Bloomsbury Square, London, W.C.1, 7 p.m. Mr. D. P. Cuthbertson, D.Sc., M. on "The Biochemistry and Nutritional R of the Amino Acids."

Friday, November 9

GUILD OF PUBLIC PHARMACISTS, Lect Theatre, 17 Bloomsbury Square, at 7 p Mr. D. G. Ardley, M.P.S., on "The Sulph amides and Penicillin."

NORTH BRITISH BRANCH, PHARMACEUTI SOCIETY OF GREAT BRITAIN, 36 York Pl Edinburgh, at 7 p.m. Mr. Noah Mor M.D., D.Sc. (Regius Professor of Mat Medica and Therapeutics, University Glasgow), on "Therapeutics Throughout Ages."

Sunday, November 11

LIVERPOOL BRANCH, CATHOLIC PHARMAC TICAL GUILD, 152 Brownlow Hill, Liverp at 3 p.m. Meeting.

MANCHESTER PHARMACEUTICAL ASSOCIATI Ramble to Wilmslow, Prestbury and Alder Meet London Road Station, 8.45 a.m. B Alderley return.

NORTH BRITISH EXECUTIVE

MEETING of the Executive of the North ritish Branch of the Pharmaceutical ociety was held in Edinburgh on October , Mr. John Anderson in the chair. THE HAIRMAN welcomed Mr. J. C. Young resident of the Society).

MR. BENNETT asked if anything further d been done to arrange correspondence vision classes, and it was agreed that the atter should not be lost sight of.

A list of names selected by the Nomina- n Committee was approved for recom- ndation to the Council as members of e Board of Examiners for Scotland, 1946.

HE CHAIRMAN drew attention to conces- ns the Society was granting to ex-Service n and women. The reduction of articled pilage to one year's experience either fore or after taking the Qualifying amination might, he thought, lead to me difficulty, though he supposed each se would be considered on its merits.

R. MELDRUM assured the chairman that reful thought would be given to each case.

MR. BENNETT said he had emphasised, his dealings with Government depart- nts, that the reason pharmacists required ecific remuneration was because of the eat difficulty of qualifying. He wondered at view the Department of Health for otland would take if men were admitted competent pharmacists after a modified prenticeship. MR. MELDRUM thought all uld appreciate the case of the ex-Service n, of an educational standard that titled him to enter pharmacy, who had n prevented from starting his training ing to four or five years' service with the rces. They had managed to maintain the ndard of the entrance examination, ough they had been asked to lower it.

nney Memorial Pri e Competition

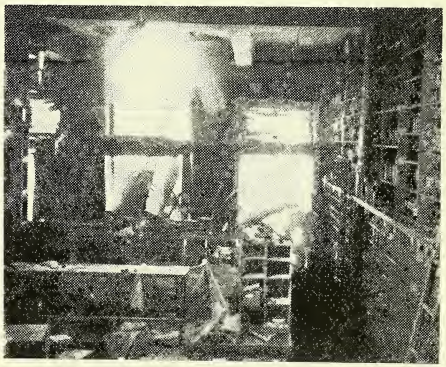
THE RESIDENT SECRETARY reported that e Umney Memorial prize came into istence in January 1945. A Scottish dent (Mr. Henderson from Heriot-Watt llege, Edinburgh) had gained the prize its first award.

THE CHAIRMAN expressed surprise that ere had already been thirty-two Scottish plications from pharmacists for permission take apprentices.

MR. GEORGE CAIRNS, 12 Sandbed, wick, was nominated as successor to . Michie, Hawick, who resigned as isional secretary for the Hawick district Roxburghshire; it was agreed to forward e nomination to the Council.

Following a letter from the Department of Health, giving the names of two men under agreement with Insurance Committees whose names had been removed from the Register owing to failure to pay retention and registration of premises fees, it was reported that these two pharmacists had been communicated with.

THE CHAIRMAN said that, for all practical purposes, the Scottish Central Pharmaceutical War Committee might as well cease to exist. As they knew, a request had been made for the release of more men under thirty, but they had taken up the position that this was impossible until there was some prospect of these men being replaced by others at present serving in the Forces. There seemed no immediate chance of this, apart from exceptional cases. He was pleased that the president had written a letter to "The Times," giving the public a chance of seeing what the position really was, and that the fault did not lie with the pharmacists. MR. BENNETT asked the president if anything further had been done on reinstatement of ex-Service men. That duty, he thought, should devolve on the War Committee, which had been concerned in the sending of the men to the Forces. There was a possibility of a fairly large number of men being sent home, who would require help and assistance. MR. MURRAY said men would be called up so long as there was an Army of Occupation. The War Committee would still have work to do.



V-BOMB DAMAGE TO ANTWERP PHARMACY.—The Pharmacy Maryssael, 19 Rue de la Liberté, Antwerp, Belgium, following the explosion of a V-2 weapon thirty yards from the premises on Saturday, January 20, 1945. Three-quarters of the pharmacy was destroyed, including stocks and a delivery van. The shop reopened on the following Monday after strenuous efforts to introduce some sort of order. Rebuilding has started.

FIRST POST-WAR DINNER AT HALIFAX

THE need for chemists constantly to increase their knowledge and keep up to date was emphasised at a dinner of the Halifax Branch of the Pharmaceutical Society recently, when representatives from Bradford, Leeds and Huddersfield branches were present. Mr. A. B. Walmsley presided. The event, the branch's first "annual" dinner since the outbreak of war, was also noteworthy because for the first time ladies were present. For the first time also a member of the profession (Alderman L. Chambers) was occupying the position of mayor of Halifax and was present.

MR. T. HESELTINE, Normanton (a member of the Pharmaceutical Society's Council and of the Executive, National Pharmaceutical Union), proposed "The Mayor, Mayoress and Corporation," and, in his reply, THE MAYOR said much that had happened in the progress of the Corporation and the country was not of material benefit to pharmacists. The establishment of clinics and other social services had taken away what used to be "bread and butter" lines in the chemist's trade. But they had also to look on the other side of the picture. Without the provided services many people would lack knowledge of rearing children in the best way, and be without the care and skill of the doctors. Over 80 per cent. of the mothers in Halifax came to the clinics. What chemists had lost they must take as their sacrifice; they had also received benefits, he pointed out. There was the supplying of prescriptions under the National Health authority. He was not going to say they were well paid for that, but the Government had recognised their under-payment by allowing "a bit of back pay for overtime" since January, and they would hope for better remuneration for what they had done and were willing to do.

MR. F. H. SWIRE proposed "The Pharmaceutical Society of Great Britain," and said he had yet to see a national appreciation of the services of the overworked chemist. He emphasised that, with regard to the new health services, chemists should be very sure of what they wanted. If the Council failed them there, then pharmacy was finished. Responding, MR. G. R. KNOX-MAWER (vice-president of the Society) declared that the Council was aiming to solve every pharmaceutical problem put forward. Members should try to go to the colleges. They should make daily progress and increase their knowledge constantly.

MR. J. DEWHIRST proposed "The Ladies," and THE MAYORESS (Mrs. Chambers, J.P.) replied; and MR. H. R. STOCKS proposed "The Visitors," which brought from DR. G. C. F. ROE (medical officer of health for Halifax) a witty reply.

SPEECH DAY AT MANCHESTER

THE president of the Manchester Pharmaceutical Association (Mr. W. Wilkinson) was in the chair on Speech Day at the Pharmacy Department of the University, on October 17. Mr. H. Brindle, F.R.I.C., Ph.C. (head of the department), reported that students taking the higher qualifications greatly exceeded entrants taking the chemist and druggist qualification. This was gratifying to those who had striven for the advancement of pharmaceutical education. Most of the students taking the advanced courses had in mind appointments in hospitals and in industry. Such posts showed signs of increasing in number. The medical officer of health for Manchester had always shown a sympathetic understanding towards pharmacists and pharmacy, and they were grateful for his assistance in initiating a scheme whereby students who had taken the degree or Ph.C. qualification might serve their period of pupilage in Manchester hospitals and receive a remuneration that relieved their parents of much financial responsibility.

It had been possible to award only one of the research scholarships tenable in the department, since reservation from military service could not be obtained for male post-graduate students unless they were in a low medical category. In spite of difficulties much research, as yet unpublished, had been carried out.

Dr. C. Metcalfe Brown, M.D., D.P.H. (medical officer of health), then distributed the prizes, as follows:—

J. Woolley, Sons & Co., Ltd.: W. R. Parkinson; *Hough, Hoseason & Co., Ltd.:* Joan C. Barnes; *Allen & Hanburys, Ltd.:* N. W. Blacow; *President of the Association:* W. H. Peel; *T. Kerfoot & Co., Ltd.:* N. W. Blacow; *Manchester Pharmaceutical Association:* S. Steger; *Pharmaceutical Society* (Codex): R. Whittaker; *Chairman of the Branch:* Doris Wild; *E. Griffiths, Hughes, Ltd.:* F. Hoyle; *Branch of the*

Society (divided): Geoffrey Platt and Patricia C. Shaw; *Oldfield, Pattinson & Co., Ltd.*: E. Harris; *T. B. Chadwick*: Barbara Clegg; *F. D. Gee*: J. A. Catterall.

Addressing the students, DR. METCALFE BROWN said his knowledge of clinical medicine was strictly limited and his knowledge of pharmacy rather less. In his student days at Edinburgh the pharmacy classes were held at 8 a.m., but he understood they were now held at a more reasonable hour. Pharmacy had been called the handmaid of medicine, but he did not agree. Rather would he describe it as a scientific ancillary to medicine and an essential one. In its early days pharmacy was a comfortable profession, and pharmacists individually were masters and self-contained in their own pharmacies. Now it was an enormously complicated and highly scientific profession. In the future health service there would be a closer relationship between pharmacy and public health. In general practice the pharmacist might make it a duty to assist the young practitioner. They would both benefit.

TYPHUS CONTROL SUMMARISED

AT the opening meeting of the new session of the National Association of Women Pharmacists, held in London on October 11, under the chairmanship of the president (Miss C. Mozley-Stark), DR. VAN DEN ENDE, M.B., Ch.B., Cape Town, gave an account of "Recent Advances in the Control of Typhus." He described three varieties of typhus fevers:—

(1) Epidemic or classical typhus, in which the louse was the vector and man the reservoir, the disease occurring in densely populated communities,

(2) Scrub typhus, in which the mite was the vector and field rodents the reservoir; this type of fever occurred in the jungle and in many parts of the Far East,

(3) Rocky Mountain spotted fever, in which ticks were the vector and rodents and man and dogs the reservoir.

These varieties, he said, had two features in common, namely the similarity of the causal agents, which were micro-organisms known as rickettsiæ, and the clinical picture produced in each case (severe fever with mental symptoms and rash). The rickettsia was a minute, bipolar, staining organism holding an intermediate position between a bacterium and a filterable virus. The varieties differed from each other in incidence and in insect vector. In the laboratory, important antigenic differences between the rickettsiæ had been shown.

Control of Epidemic Typhus

Control of the epidemic type of typhus, which was spread by the louse, depended on four factors, namely diagnosis and isolation of cases; delousing of contacts; mass delousing of the population; and improvement of the living conditions such as the prevention of overcrowding. DDT was shown to have a rapid action on the louse in the Naples epidemic. Its use proved to be a convenient method of delousing the population. Powdering stations were established where the substance was blown into the clothes of the people in sufficient concentration to protect them from reinfection for a month.

Treatment of typhus with some new experimental drugs had been tried. It had been claimed that para-aminobenzoic acid had some result, and the Americans claimed that methylene blue also was effective. Considerable work had been done in attempting to prepare a vaccine against typhus. At first such preparations had been made from living rickettsiæ, but they were not satisfactory, so attempts were then made to prepare a vaccine from dead organisms. Here difficulty was experienced in obtaining a sufficient number of rickettsiæ in purified form. It was found possible, however, to cultivate the organisms in the lungs of mice or rats, and in the yolk sac of chick embryos, and, by adsorption on kaolin, a pure suspension of the rickettsiæ had been obtained; the organisms were treated with formalin.

Use of Mite Repellants

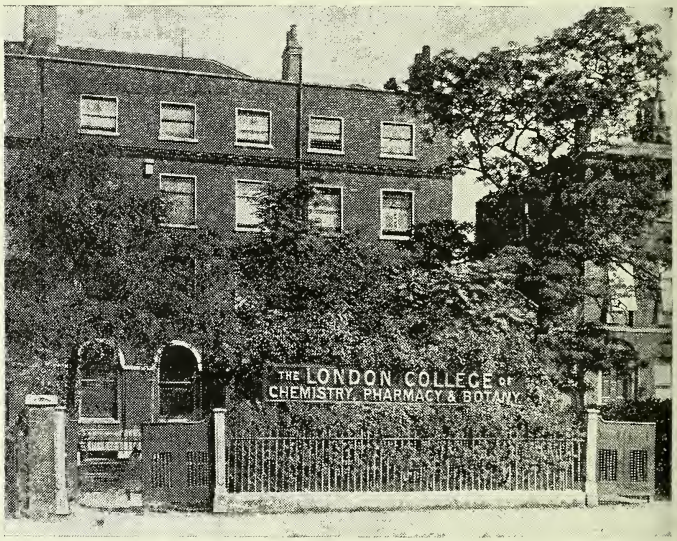
Scrub typhus was transferred to man by the mite. Only the larva stage of the mite fed on man or animals, and the infection in the mite was transmitted from parent to offspring through the egg. The disease occurred in scattered parts of the jungle, and its incidence during the Japanese war had increased considerably over the peacetime prevalence. Control of scrub typhus was effected by the use of mite repellants, such as the new preparation, D.B.P., which was used similarly to DDT. Jungle clearance was a second means of control, and finally control was effected by the use of a newly discovered vaccine. This was made by injecting the cotton rat, whereby a large yield of scrub typhus rickettsiæ was obtained.

SAGA OF THE LONDON COLLEGE OF PHARMACY

by Charles W. Gosling, Ph.C. (Proprietor of the College, 1925-45)

THE closing of London College of Pharmacy, after forty-six years of existence (see *C. & D.*, August 25, p. 301) must call to mind memories of student days to many pharmacists.

Gone already in 1899 were the days when a man could qualify by reading in his spare time, alone or with the help of correspondence courses. The next phase, in which students took part-time courses at a college, working in a pharmacy the remainder of their time, was also virtually over. The steadily rising standard of the "Minor" examination was compelling students to take full-time courses. A change in retail pharmacy which has been going on ever since (to sell more packed goods and buy galenicals) was resulting in students arriving at college deficient in pharmacy and dispensing experience. Virtually no facilities were provided in the public education system—technical and university colleges. Hence the growth of privately-owned schools to meet the demand. The fact that London College drew so many of its students from South Wales and South Africa in its early history was no doubt due to lack of teaching facilities in those areas.



An exterior view of the College.

A Need Catered For

When he founded London College in 1899, Henry Wootton had had years of experience in training pharmacists. Though a graduate in science of London University, he was not a pharmacist, yet he saw the changes going on in the world of pharmacy, and set himself to cater for the need. He chose a large house in Clapham, and in fitting it out for its new purpose had the foresight to allow plenty of space for practical work. There was a large garden which he stocked with plants of botanical and medicinal interest. In the botany syllabus at that time there were many plants which students had to recognise in the dried state, as well as numerous fresh materia medica plants, many of which present-day students have never heard of. Mr. Wootton used often to talk to the writer about the early days at the college. In fact, it is from recollections of those chats that the present notes are being written. Having chosen his site in a suburb where living accommodation was plentiful, he fitted out his school and the next task was to get staff. Emphasis was laid on teaching ability, and it was not long before he had found a worthy partner in Mr. Kirkland, Ph.C. Hundreds of students must have worked under Wootton and Kirkland—they were a famous pair. The writer was one, in 1910. My recollections of those days are of hard work for teachers and students. My fellow students were all convinced that no better school existed; many doubted if there was another as good. No great effort was made to help a particularly good student, but the backward ones were helped in every possible way. A feature of the curriculum was the tutorial classes held from 4–5 p.m. daily.

Each lecturer and demonstrator held such a class, in order to make the number of students present as small as possible. The teacher sat facing the class and asked individuals by name questions on the work covered at the stage reached in the particular subject. How many pharmacists have been asked by Mr. Wootton "What is a spore?" The twinkle in his eye as he asked it! He knew we all expected it—but he would cause amusement by sometimes pursuing the point beyond the knowledge of the student who had answered with a little too much assurance. Yet I never heard, or heard of, a student being made to look or feel small. The classes were conducted with great skill and, considering that the Minor examination in theory was entirely oral, their value to the student becomes obvious.

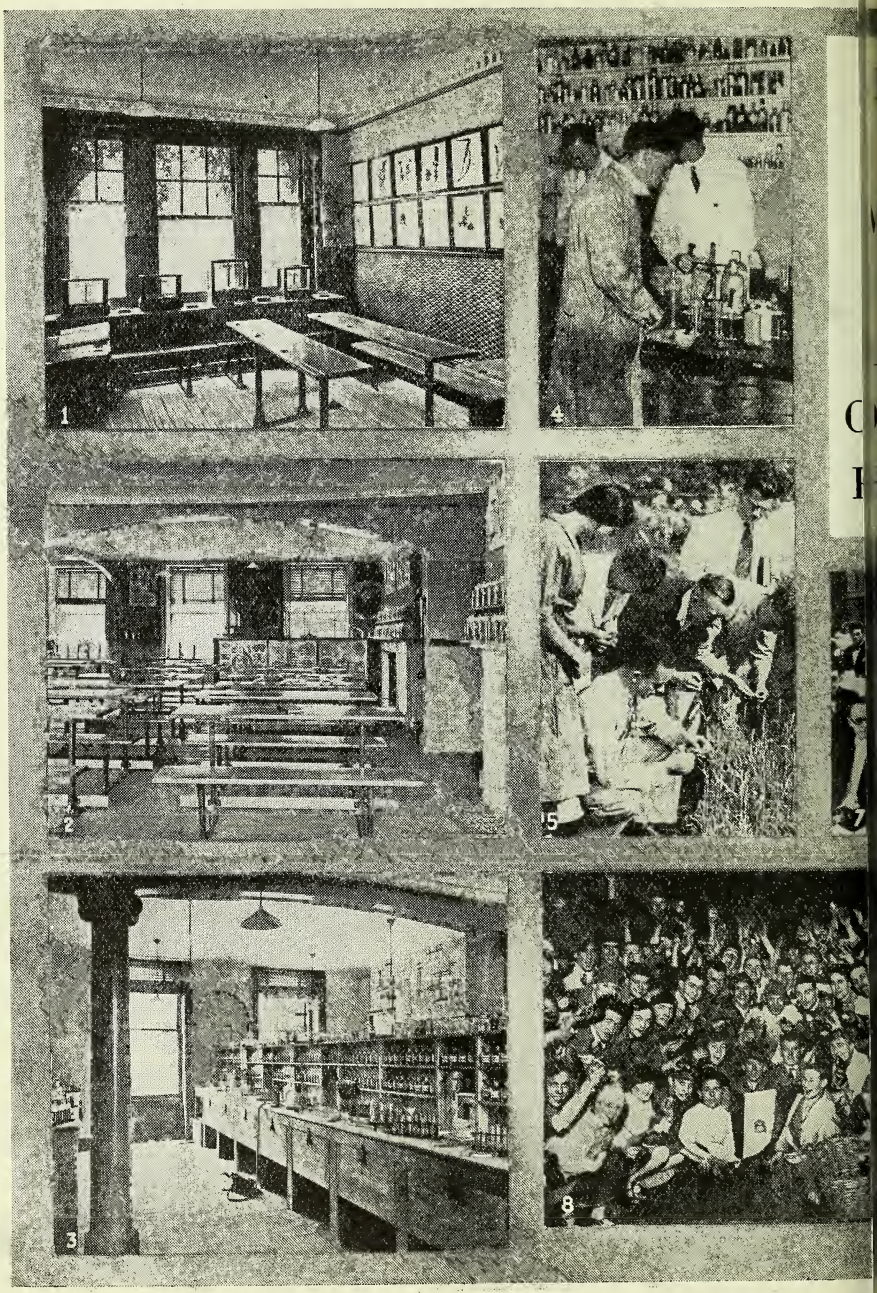
Good Results

Both Wootton and Kirkland enlivened their lectures with sparkling humour, but never to excess. It was Kirkland, I believe, who nicknamed the "Coach and Horses"—the nearest public house—the CH_4. Altogether the period 1899–1914 was one of great success. Examination results were good—L.C.P. results nearly always showed a better percentage than that for the country as a whole, and the school was nearly always full—fifty to seventy full-time students, with some part-time revision ones. Kirkland died early in 1914 on board ship going to South Africa for his health. I succeeded him a few months later, and with the exception of two years' war service as a chemist-microscopist, taught until 1925. During my absence my place was filled by the late John Humphrey and R. S. Glennie in turn. There were few students towards the end of the 1914–18 war, but Mr. Wootton was grateful, as was the writer, to say nothing of the students, to those gentlemen for their help in keeping the school going. In April 1919 I returned as co-principal with Mr. Wootton, and we immediately set about fitting up additional laboratories and classrooms on the upper floors of the building, which had never been used before, in order to cope with the enormous influx of students of whom we had been advised by the Pharmaceutical Society. The process was continued year by year up to about 1935. Walls were taken down, replaced by steel girders, and new or additional benches and equipment provided. A student of 1910 or even of 1920 would scarcely know his way about the building today. Double shifts were worked, and 192 full-time students started work in October 1919. One half had lectures and tutorial classes from 10 a.m. to 1 p.m., and practical work from 2 to 5 p.m. The other half alternated, so that every bit of space was in full use. Even so, hundreds of demobilised students had to wait until October 1920 to commence their courses. That was the heyday in the life of the college.

Mr. Wootton sold me his share in 1925 and enjoyed some years of active retirement before his death at an advanced age. I left college too, to go into the furniture-manufacturing industry in a managerial capacity. Here I must bring Mr. Gulliver into the picture. Mr. Gulliver was a first-class pharmacist owning a retail business in which he made practically all his galenicals. He had had years of experience as an examiner and had done research work as a member of the British Pharmaceutical Codex committee. In the great build-up of staff in 1919 I persuaded him to come and take charge of pharmacy. He fulfilled every hope and became principal of the college in 1925. For the three years or so that he ruled he upheld the traditions of the college and was admired and loved by all.

A New Principal

On Mr. Gulliver's retirement, due to age, Mr. Rankin became principal. He had taken an Honours degree at University College, London, before taking up pharmacy, but it was from the London College that he took both his Minor and Major. Several years' experience as lecturer in botany had fitted him for his new post. Rankin's methods were unique. He seldom gave formal lectures, but instead directed and led a discussion over the ground that would normally be covered in a lecture. His eccentricities—for such his methods were to me—certainly did not meet with my approval, but I have always believed in letting a man do his job his own way (this does not apply to students!) and my policy has, I think, been justified. I have never known a man subordinate his whole life to his task more completely than Mr. Rankin has done for well-nigh twenty years. He has had his reward. I was never at college during working hours after 1925, and often months went by without my going near the place. But whenever I met students and old students at social or sporting events I found, without exception, such an affection for, and appreciation of, "Rank" as I have never known for any other man. He gathered round him a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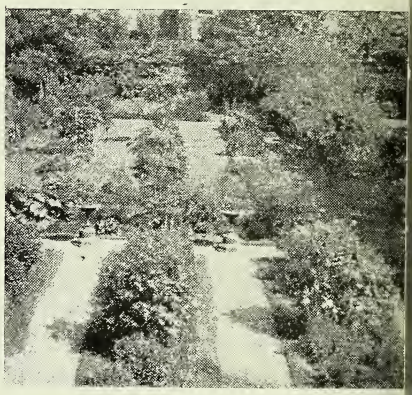
1. Balance room.
2. Lecture hall.
3. Corner of chemical laboratory.
4. At work in the chemical laboratory (Messrs. T. C. Clifton, D. Lloyd and F. Hitchen, 1933).
5. Studying a specimen in the botanical garden (Misses L. Smith and Calvert; Messrs. Lewis James, T. C. Clifton, C. W. Harrison and A. A. Jones, 1933).
6. Teaching staff, 1920–21. *Front row*, Mr. R. G. Davies, M.P.S., and Miss W. I. M. Watt, M.P.S. *Middle row*, Messrs. W. Hetherington, Ph.C., W. F. Gulliver, Ph.C., H. Wootton, B.Sc. (principal), Chas. W. Gosling, Ph.C., and A. Kilbey, Ph.C. *Back row*, Messrs. H. J. Everett, G. R. Davies, M.P.S., J. S. Willcocks, M.P.S., and A. E. Lain, M.P.S.
7. Students' dinner at the Criterion restaurant, London, November 23, 1938. In the chair, Mr. I. G. Rankin, B.Sc., Ph.C.
8. "Rag" between L.C.P. and other students, Clapham Common, 1927. It was broken up by the police.
9. L.C.P. football team, 1919–20.

capable staff who shared the feelings the students had for him.

Successes at the examinations have been consistent, and since students come to college to get through their examinations, it can be claimed that students left the college with recollections of a happy and successful sojourn there. It was always the belief of the staff that a student's life should not consist of academic work alone, and so encouragement was always given to the sporting and social activities of the college. Before 1914, these took the form of association football, concerts, and dinners. Many exciting matches were played against other schools of pharmacy in the Pharmacy League, and the record of "The London" was unequalled. Particularly famous matches were when L.C.P. beat "Square" by one nil at Isleworth in March 1920, and Lady Glyn Jones presented the cup to the winners on the field; and when, in the following year, a second replay was arranged after two games with no score, the result was still no score when time was up. After an extra quarter hour each way, the "Square" won three nil. Five bus-loads of supporters left L.C.P. for that match, played somewhere in Kent! Since 1925 the L.C.P. team has won the cup with almost monotonous regularity. In rugger, hockey, tennis and cricket, nothing of note has been achieved, but one rugger match, played in January 1925 against the "Square" team, in which W. W. Wakefield figured, was the subject of a number of delightful sketches by M. E. L. under the caption "A Triton Among Minnows" in "Sporting Life and Sportsman." Mention of the Press reminds me that, one evening in 1932, I was amazed when I opened my copy of the "Evening News" to see in large type across the page "Students' Battle of Eggs in Bloomsbury Square," and to read a lurid account of L.C.P. students' efforts to recover a lost mascot. Many such raids took place both ways between L.C.P. and the "Square," and even Birmingham.

The L.C.P. Abroad

A unique and important feature of student life at L.C.P. between 1934 and 1939 was the annual continental tour (see *C. & D.*, August 25, p. 201). Football matches were played, usually with pharmacy students, and pharmacies, factories and universities were visited, while dinners, outings, receptions, etc., were also arranged by the hosts, themselves students of pharmacy and medicine. The tours were organised by Mr. Gellay, for many yea a lecturer in physics at the college, wl usually completed arrangements on tl spot, making the journey by air. In Mar 1938 the students were in Prague wher before the soccer match was played in tl stadium, the spectators were given a ha hour demonstration of cricket in corre dress, even to the umpire's smock. A



Section of the botanical garden.

account of it was broadcast. A digest the rules of cricket was prepared by Gellay, and 5,000 copies of a translat of it were distributed amongst the sp tators. In addition to the football tea students, old students and staff usua made the party up to about forty. T writer went on two of the tours, and almost embarrassed at the scale of entertainment. At Grenoble in 1939 were given a reception by the mayor, an dinner by the medical teaching staff.

The L.C.P. "Argus," commenced 1928 as a single weekly sheet, became 1933 a sixteen-page weekly magazine w a circulation rising to 500 in 1939. I confident no other publication resemb it, and old students all over the world r it and contributed to its pages. In con sion I claim that London College provi facilities required by students before public institutions did so; by its th months' courses it enabled students qualify more cheaply than they co elsewhere; by its teaching methods helped the weaker candidates, and g revision courses to students who had stuc where no facilities for revision exis These things saved many from joining ranks of the unqualified.

104th SESSION OF THE SOCIETY'S COLLEGE

HE opening ceremony of the 104th ssion of the College of the Pharmaceu- cal Society took place recently, when ldresses were delivered by the president Ir. J. C. Young) and the Dean of the llege. The president presented scholar- ips and prizes awarded by the Council d open for competition by pharmaceutical udents generally, and prizes awarded to udents of the College.

ean's Report

THE DEAN (Professor Berry) said that ar conditions had borne heavily on udents, particularly those in London, d he commended students who had udied in such strenuous circumstances d won through. The annual report on search from the College showed that tivities had been well maintained over wide field. Some thirteen research pers had been published, including vestigations on vitamins A, B and D; eport on the effect of various factors on rate of secretion by the suprarenal tex; a report on a new antiseptic; method for measuring the rate of dis- egration of compressed tablets; pharma- gnostical investigations on male fern l British-made agar; and the rôle of atomy in controlling adulterants in de drugs. Work was continuing, in junction with the John Innes Horti- tural Institute, on the active-principle tent of new strains of digitalis. Investi- ions on the stability of adrenaline itions had been carried further. There l been renewal of a pre-war custom— attendance of distinguished foreign l Dominion visitors to the College, and trusted that many valuable contacts h Continental colleagues would be edily re-established. The College had rganised post-graduate scholarships, and l established two new ones, valued at o per annum for two years.

Graduate and post-graduate students in coming session far outnumbered diploma dents, a fact that should strengthen ir position within the University. There an increasing number of students from ia, due to the great efforts there in reform of pharmaceutical education, they were also to receive five pharmacy duates from the University of Chungking, er the ægis of the British Council. was hoped in the present session to at the course for the diploma in hemical analysis, and the evening refresher course for civilian pharmacists. Accommodation would remain a problem.

THE PRESIDENT of the Society thought that the meeting should be one of thanksgiving that the building had sustained so little damage during air raids, and that they had had so few casualties in the College and office staffs. One could have wished that the inaugural meeting had been held in the new building in Brunswick Square, but the war had made that impossible. It had been said that the best way to help pharmacy was to educate the pharmacist, and qualifications should not be the end of education but the beginning of it. A new health service was looming on the horizon and students should equip themselves to perform their part in that service efficiently and smoothly.

Awards

THE PRESIDENT then made the following awards: *Jacob Bell Memorial scholarship*, Kathleen Mary Jago; *Manchester Pharmaceutical Association scholarship*, Thomas E. Kavanagh; *Leverhulme scholarship*, Alan Marshall; *Nottingham University College studentship in pharmacy*, Alfred R. Bryant; *Herbarium certificate*, Hilda F. Peake; *Allen & Hanburys research fellowship*, George F. Somers; *Redwood scholarship*, Edward R. Clark; *Pharmaceutical Society scholarship*, Stewart S. Adams; *Umney Memorial prize*, James H. Henderson.

COURSE FOR CHEMIST AND DRUGGIST QUALIFYING EXAMINATION, October 1944 to June 1945: James E. Pascoe, physiology (bronze medal), pharmaceutical chemistry (bronze medal), practical pharmaceutical chemistry (certificate), pharmaceutics (bronze medal), pharmacognosy (bronze medal) and practical pharmacognosy (certificate). Myfanwy Nurock, pharmaceutical chemistry (certificate), physiology (certificate). forensic pharmacy (certificate). Garth Williams, pharmaceutics (certificate), pharmacognosy (certificate). Betty P. Jackson, practical pharmaceutics (certificate). James E. Pascoe. Martindale Memorial medal (certificate).

COURSE FOR BACHELOR OF PHARMACY DEGREE AND PHARMACEUTICAL CHEMIST QUALIFYING EXAMINATION, October 1944 to June 1945: Alec L. Brown, pharmaceutical chemistry (silver medal); practical pharmaceutical chemistry (certificate), pharmaceutics (certificate), physiology (silver medal), practical physiology (certificate). William W. Binns, pharmaceutics (silver medal), practical pharmaceutics (certificate), physiology (certificate), pharmacognosy (certificate), practical pharmacognosy (certificate). David J. Deayton, pharmaceutical chemistry (certificate). Alan Briggs, pharmacognosy (silver medal).

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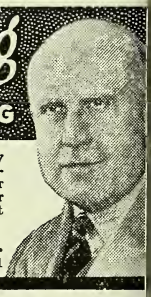

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OL. CXLIV NOVEMBER 3, 1945 NO. 3430

Production Census Changes

June of this year the then President the Board of Trade (Mr. Oliver Lyttelton) pointed a committee to "consider and port what additional information should collected at future censuses of production d to recommend what amendments ould be made to the Census of Produc- n Act." With commendable promptitude Committee, under the chairmanship of George H. Nelson, has issued its report, pies of which are obtainable from H.M. tionery Office, Kingsway, London, C.2, price sixpence. The Committee kes a number of important recommenda- ns, proposing that additional information desirable on many points which are at sent excluded under the provisions of 1906 Act.

The recommendation is made that the nsus of Production Act should be amended allow the collection of particulars of ges, salaries, depreciation, rent, rates l taxes (other than tax on profits) and er principal items of costs. Though the ard of Trade has power to collect ormation at a Census of Production in pect of the cost of materials and the ount paid for work given out, no powers present exist for the collection of informa- n about any of the three principal items cost; in fact, the department is prohi- ed from collecting particulars of wages d out by firms covered by the Census.

The Committee recommends the collection of statistics of man-hours worked as indicating the activity of workers in industry, but considers that compulsory powers for the collection of these figures should be applied only after consultation with each industry and agreement with the leaders of the industry that such statistics would be useful and significant.

Annual Census Proposed

At present, firms are allowed three months after receipt of a census schedule to complete and return the forms. The Committee considers it most important, in view of the intention to take an annual census, that the results should be available with the minimum of delay and recommends that the Act should be amended to provide for the completion and return of forms by a date not more than two months after issue, with a reduction to one month where forms are issued on January 1, to firms making returns in respect of financial years ending before the end of October. The Committee considers it important to analyse the extent of control of productive firms (by foreign as well as by British businesses) and recommends that the Act should be extended to provide for the collection of such particulars.

The 1906 Act prohibits the disclosure of information relating to individual firms to any one outside the Census of Production office, except that disclosure may be made to certain authorised Government Departments and persons authorised to make an investigation into efficiency in an industry. The Committee recommends the relaxation of this provision to allow for the disclosure of such information to Government officials outside the Census of Production, subject to certain safeguards. As regards publication, the Committee recommends that the Board of Trade should have power to publish statistics relating to the output of all commodities subject, however, to the right of individual firms to make representations not to publish such particulars relating to commodities whose production is concentrated in one or two firms.

The White Paper on Employment Policy states that fluctuations in expenditure on capital development are prime

causes of general business fluctuations and consequent unemployment and for this reason the Committee considers it essential that regular and accurate statistics should be collected regarding fixed assets, stocks and work in progress. On this subject the report adds that information about the existing fixed capital assets of industry is at present entirely lacking, and the collection of these basic facts can be used as a "yard-stick" with which new additions to capital equipment each year can be compared. So far as possible, values to be stated should be those used for income tax purposes.

Safeguards Needed

It is not practicable to deal here with all the important proposals contained in the report. Fully to appreciate its significance it will be necessary for those who are concerned with the direction of industry and their trade organisations to make a careful study of the recommendations in conjunction with the 1906 Act. Accepting the view taken by the Committee that to be worth while and to provide the additional information that is now considered necessary the scope of future Censuses of Production must be much wider than hitherto, it will be for industry to decide whether some of the proposals may not reasonably be considered somewhat excessive in their requirements. Certainly industry will need to protect itself against the possibility of the 1906 Act being so amended as to provide Government Departments and others with delegated powers of investigation that have little or no connexion with securing a fair report of the country's industrial production.

We agree entirely with the Committee's view that any useful purpose the old three-year Census of Production might have served was substantially discounted by the lapse of time before the volumes were published. The new proposals call for a decided quickening in action in this respect on the part of all concerned. This will mean the permanent employment of some hundreds of census officials, and the keeping of up-to-date records and returns will be a further unproductive cost to be borne by industry.

Two Months' Commerce

EXPORTS from the United Kingdom (includ ing re-exports) during July 1945 an August 1945 were valued (in round figures at £36·7 million and £43·1 million, respec tively. Corresponding figures for last yea were £18·1 million and £14·1 million. Th current figures compare not unfavourabl with the monthly average for 1938, whic amounted to £44·4 million. A study of th total export figures for the first eigh months of 1945 shows a steady rise, tha for August being the highest for the yea with the single exception of April (£43· million). Detailed figures of exports c chemicals, drugs, dyes and colours for th two months under review (not includin re-exports, which were small) show that i July 1945 exports were valued at £3,579,54 while those for August 1945 totalle £3,295,802. On the import side of th accounts, figures for chemicals, etc., for th same two months were £2,183,985 an £1,196,228. Total imports of all merchandis were valued at £97·8 million for July an £99·3 million for August 1945.

Minor Trade Reliefs

DURING the past few years traders wit overseas connexions have been obliged t spend a considerable part of their time i form-filling, a procedure which, althoug often inconvenient, was nevertheless neces sary to meet conditions imposed by th war. An easement in this direction is no provided by the announcement (p. 446) tha the information required when applying fo an export licence has been greatly simplifie principally by the omission of a series c questions from the application form. O the import side, dealers in crude drugs wi no longer be required to produce evidenc of previous purchases of a number of impor tant articles in order to qualify for a quot figure, as the quota arrangements for thes drugs have been suspended (p. 471). Fron the names of the items concerned—aconite areca, cascarilla, guaiacum and nux vom ica—it will be noted that supplies may b obtained in each instance from source within the sterling area. In view of th current economic policy, it is hardly likel that the relaxation of import control wil

be extended in the near future to drugs emanating from dollar countries. Import licences are still required for the drugs to which the relaxation applies.

A Worthy Record

THE history of the London College of Pharmacy, the closing of which was announced by us on August 25, is related in an exclusive article in the present issue (pp. 456–60) by Mr. Charles W. Gosling, Ph.C., proprietor of the College for the past twenty years. By a coincidence there were for several years three establishments of a similar type in the same South-west London thoroughfare, Clapham Road; this road must therefore have been the scholastic home of an appreciable proportion of the pharmacists who have qualified during the present century. The late Mr. Henry Wootton, B.Sc., had had the advantage of several years' experience in pharmaceutical education when he established this College in 1899. Of the soundness of his system of training there can be no doubt: the record of examination passes from the College speaks for itself.

Before the passing of the Pharmacy Act of 1868 the Pharmaceutical Society's School and the few courses of study available in various parts of England and Scotland (supplemented by private tuition) met the requirements of students; but when examination became compulsory as a prerequisite to registration, the need for schools of pharmacy on a considerable scale was clear. Between 1868 and the present year many schools all over Great Britain have had honourable records of success in training young men and women—not merely to pass examinations but to take a pride in their vocation. The students who in after-life looked back to their college days as a time of "cramming" were usually those who had aimed at obtaining the coveted certificate with a minimum of effort. For students who aimed at something better the knowledge was available. Among the schools of pharmacy to which we have referred the London College is sure of remembrance.

[*A limited number of reproductions of the two pages of pictures are being prepared printed on paper suitable for framing. A copy will be forwarded to old pupils upon application. A number of the reproductions will be reserved for dispatch to overseas subscribers.*—EDITOR.]

WEST LONDON REUNION

AT the annual reunion of the Western (London) Pharmacists' Association on October 17, MAJOR W. K. COOPER, M.P.S., R.A.M.C., gave an address on "Medical Supplies in Burma" to members and to guests from Observer Group 4, U.S. Army. A number of pharmacists in the area, said the speaker, had been called in by the Directorate of Medical Supplies, India, at which the value of their training and qualification was recognised, to control the three main branches of medical supply (planning, provisioning, and distribution). In the early part of the war, supplies had been poor, and the position was considerably aggravated by an influx of refugees fleeing before the Japanese advance. The task of encouraging local manufacture was undertaken, as priority of supplies to the Middle East Forces left insufficient imports to cater for Indian needs. Calls made on pharmacists included requests to convert merchant vessels into hospital ships, using the limited local supplies, and designs for Mobile Surgical Units capable of providing for every branch of surgery and so enabling troops to be treated in the field. Special light-weight equipment, and supplies of penicillin, were flown in by refrigerator planes; vast malarial areas were sprayed with DDT, and measures were taken to combat the ever-present amoebic dysentery.

Major Cooper described the stages by which he eventually assumed responsibility for all medical supplies for South-East Asia Command. He said there was a good market in India for fine chemicals and precision instruments. The population was in great need of medical care, and there was a large demand to satisfy, even though the position under Home Rule could not be forecast. At the request of THE CHAIRMAN (Mr. Frank Noble) the U.S. "observer pharmacists" gave their views on British pharmacy. MR. LAMONTAGNE was appalled at the amount of dispensing done by doctors, and felt that National Health Insurance benefited only the patient. Customers in this country became too familiar with their treatment under the system of returning prescriptions, and the bottle shortage should have been mitigated by adoption of the drachm dose. Hours of opening in this country were easier than in America.

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

MR. CHARLES ABERNETHY, Ph.C. (president), occupied the chair at a meeting of the Council of the Pharmaceutical Society of Northern Ireland, held in Belfast on October 19. Messrs. James McDowell (vice-president), J. W. Gray, J.P. (treasurer), J. T. Nicholl, James Donaghy, James Irwin, F. Moore, James Glendinning, J. E. Connor, J.P., H. F. Moore, W. C. Tate, J. McGregor, H. H. Cowzer, S. H. Forrest, Dr. S. E. A. Acheson, and Professor E. C. B. Mayrs, M.D., were also present, and Mr. D. L. Kirkpatrick (secretary) was in attendance. Mr. Connor received a cordial welcome on his return after an illness.

MR. DONAGHY proposed and MR. FORREST seconded a resolution of thanks to the Londonderry Chemists' Association for their lavish hospitality on the occasion of the visit of the Council to the "maiden city" in September; this was heartily endorsed by all present. The secretary was instructed to write to Mr. D. MacKenzie (Irish representative of Glaxo Laboratories, Ltd.), accepting his offer to arrange a lecture on penicillin in March 1946.

The following letter from the Minister of Home Affairs, Stormont, was read by THE SECRETARY:—

> With reference to your appeal against the grant of a licence by the Antrim County Council to Mr. Robert King, Bushmills, co. Antrim, for the sale of the substance called Paris green, I am directed by the Minister of Home Affairs to state that he has carefully considered all the facts of the case and has allowed the appeal. Accordingly, the licence granted by the Antrim County Council to Mr. King has been revoked.

Apprentices' Hours

MR. KIRKPATRICK read a lengthy communication from the Ministry of Home Affairs bearing on the number of hours per week worked by apprentices, and suggesting that these should be reduced to twenty instead of thirty-six as at present, or forty as given in draft Regulation 55A. After discussion, MR. DONAGHY proposed, and MR. CONNOR seconded, that the matter should be referred to the Education Committee, with Council powers to act. The indenturing of apprentices was also left to the Committee for consideration.

The following letter, relative to the appointment of a deputy to the secretary, was received from MR. W. J. FARMER, M.P.S.N.I., Whiteabbey, co. Antrim:—

> I would like to take this opportunity of congratulating the president and members of the Northern Ireland Pharmaceutical Socie on their recent selection of Lieutenant W Gorman, Ph.C., Fleet Air Arm, as deput secretary of the Society. As an ex-Servi man of the 1914–18 war, I appreciate wh you have done, and trust that all oth bodies and associations who have a vacan will consider the claims of our ex-Servi men, provided they are qualified to fill t post. The local branch of the British Legio of which I am pensions officer, congratulate me on the splendid example set by t Society in this appointment. In conclusio gentlemen, you will all be in the positi during the years that lie ahead to say th you helped to fulfil the promises made to t brave lads who fought so nobly in the fig for freedom.

New President's Address

Mr. James McDowell, Ph.C., was elect *President* on the motion of MR. CHARLE ABERNETHY (outgoing president), wh invested him with the chain of office. Wish ing the new president a successful year o office, MR. ABERNETHY said he knew M McDowell would uphold the dignity of t position. MR. H. F. MOORE seconded t proposal, which was carried by acclamatio

Returning thanks, the new PRESIDEN said he would do his best to carry o the duties of that high office. It w customary, he went on, for a preside when elected to outline a programm of proposed reforms or improvemen which appeared to him to be of speci and perhaps pressing interest. It was matters with which they as a statuto body were directly concerned that he wishe briefly to refer. During the past few yea they had been actively engaged and inte ested in the Medicines, Pharmacy an Poisons (Northern Ireland) Bill, 194 which had now become law. While th did not meet with the unanimous approv of all pharmacists, in many respects represented an advance on previous Act Time would be needed for members, assoc ates and apprentices to get familiar wit the various schedules, and he urged all do their utmost to secure its smooth wor ing. Should it be found necessary or desi able, the Council would, he had no doub be pleased to support a lecture or lectur to clear up any difficulties discovered.

It had been openly stated in offici circles that the introduction of a Medic Health Service Bill would be brought befo the Imperial Parliament at an early dat and, while they were not at the momen directly affected, there could be little dou

at something similar would be attempted that area in the future. Chemists in the st had shown little desire to be involved matters outside their own shops or bitations, and that was largely the cause eir calling was not sufficiently recognised, ther by the public or by the authorities. stead of being acknowledged and treated a scientific body, they were usually oked upon as general traders. As a pro-ssion, pharmacists claimed recognition of eir rightful position in health matters, ore particularly when dealing with a ational Health Service.

With a view to unification in the ranks pharmacy, the Society's syllabus had en brought into line with that of Great itain. This had necessitated introducing ditional subjects; extra classes had nsequently to be attended by students. at often meant that day classes were eferred. The present tendency to "cram" pharmaceutical examinations was to be plored, and, unless proper action were ken, might injure the career of future entiates. In the past, principally due to e superior training received during prenticeship, their students, upon quali-ng, were in many instances preferred to ose from other areas, and that position ey must endeavour to maintain. That s a subject of vital interest, and the views members would be much appreciated. e post-graduate course inaugurated in e spring of 1945 had been highly praised those privileged to attend; unfortu-tely, owing to lack of accommodation, ny could not be accepted. Another portunity would be provided early in the w Year.

The latest scientific methods of sterilisa-n, production of penicillin preparations, d storage of sera and vaccines, etc., sed questions on how many pharmacists uld be able to provide the necessary commodation and whether the initial tlay would be justified. For those who uld answer in the affirmative there was cause for anxiety, but as regards the ers, be they many or few, it was for them t something might possibly be done by Council in the equipment of an up-to-te laboratory, where members could ve their preparations made under the ervision of a specialist in that class of rk. Such a scheme would add consider-y to the prestigue of pharmacy, in that medical profession would be assured of nufacture under ideal conditions. The dern trend in pharmacy, as in most fessions, was towards specialisation, and the time might not be far distant when pharmacists would have to decide whether they preferred the professional and scientific to the commercial and possibly more lucrative side. The science of chemistry was one of progress; they, as pharmacists, must strive to keep pace with achievements.

Mr. Abernethy thanked Council members for their unfailing support during a busy year of office.

Mr. J. W. Gray, J.P., was elected *Vice-president* on the motion of Mr. James McDowell, seconded by Mr. J. E. Connor, J.P., and Mr. J. McGregor was elected *Treasurer* on the motion of Mr. J. W. Gray, seconded by Mr. J. T. Nicholl.

Committees

Members of the Education Committee remain as before. Mr. Abernethy was elected a member of the General Purposes Committee in place of Mr. Gray. On the House Committee, Mr. Nelson, Lisburn, co. Antrim, was elected in place of Mr. W. C. Tate, who had resigned. On the Finance Committee, Mr. McGregor took the place of Mr. Gray. Messrs. R. Walsh & Son, *Auditors*, were re-elected on the proposal of Mr. Gray, seconded by Mr. Irwin, and Messrs. Hamill, Davison & Wilson, *Solicitors*, were re-elected on the proposal of Mr. McGregor, seconded by Mr. Gray. The Council approved a recommendation from the Finance Committee relative to the resignation of the house steward through ill-health. Mr. F. Moore was asked to interview Major Harris, with a view to securing an ex-Service man as successor.

The Secretary intimated that upwards of 400 members had not paid their retention fees, and were liable to be struck off the register. Mr. Donaghy proposed, and Mr. McGregor seconded, that attention should be drawn to the matter in the minutes and report of the Council meeting. Mr. H. H. Cowzer proposed, and Dr. Acheson seconded, that all future correspondence relating to retention-fees notices should be sent out in closed envelopes; this was agreed. Mr. James McDowell (president) proposed, and Mr. J. E. Connor seconded, that a photograph of the secretary (Mr. Kirkpatrick) should be hung alongside those of past-presidents of the Society. The Council agreed.

You Want Boxes.—Production of board for boxes and cases will be seriously curtailed in the near future unless more waste paper and cardboard is salvaged immediately.

NATIONAL PHARMACEUTICAL UNION

MEETINGS of the Executives of the National Pharmaceutical Union, N.P.U. War Distress Committee, Chemists' Defence Association, Chemists' Sickness and Provident Society, Chemists' Mutual Insurance, and N.P.U., Ltd., were held in London on October 22 to 24. At the N.P.U. Executive on October 24, those present were Messrs. E. A. Brocklehurst (chairman), Battershill, Bryan, Coulson, Graham, Hague, Hearle, Heseltine, Marshall, Melhuish, Skues, Stearn, and Steinman. A report of the meeting of the Accounts Committee, presented by Mr. A. R. Melhuish (chairman and treasurer) was received and approved. Nominations for an election in the North-western area (Division 1) were reported by THE SECRETARY as being receivable up to 12 noon on November 5, voting papers being issuable on November 9 for return by 12 noon on November 20.

Goods in Short Supply

It was learned, following representations to Government departments, that although production was still limited, output of dressings had been increased, and supplies should be more adequate than hitherto. Inquiries showed that some dressings, such as gauzes, bandages and lints, were more readily available, though delivery was somewhat retarded. Supplies of cotton-wool remained short, and distribution was inequitable, supplies to private chemists being affected. It was decided to seek additional information from wholesalers concerning specific shortages of cotton-wool in the hope of a fuller report at the next meeting. Supplies of teats and valves were reported still short, and there was nothing further to report in connexion with representations made to the Board of Trade following the September meeting of the Executive, though it was hoped to have further news in time for the next meeting. Information had been received that production of sanitary towels had improved, and a further increase could be anticipated. In view of complaints from members, however, it was decided to inform the Board of Trade there had been little or no noticeable improvement so far as supplies to chemists were concerned.

Joint Industrial Council

The employers' side of the National Joint Industrial Council for Retail Pharmacy met on October 11, and an application for a revision of the current J.I.C. agreement, submitted by the trade union side, was presented. The application was submitted to the full Council for consideration at their next meeting.

Branch Organisation

The Local Branch Organisations Officer (Mr. R. H. Kemp) presented plans for the restoration of normal activities by N.P.U. branches. Authorisation was given for the plans to be executed as indicated, and N.P.U. branch secretaries are being circularised asking them to call members' meetings during the coming season for the election of officers and committee. Branch secretaries would be invited to make application for speakers, and work on defining branch areas and providing new branches, shelved at the outbreak of hostilities, was being resumed. District meetings would be called in every electoral area where no previous meeting of that kind had been arranged during 1944–45.

War Distress Fund Committee

THE CHAIRMAN (Mr. J. Hearle) reported on the work of the Committee at a meeting held on September 27. It was arranged for future meetings to be held monthly at the time of the N.P.U. meetings, and Mr. Hearle was warmly congratulated on his appointment as chairman, in place of Mr. C. A. Hill. THE CHAIRMAN reported that a vote of thanks had been accorded to Mr. Hill on behalf of members. To fill the vacancy, the Wholesale Drug Trade Association had been asked to appoint another representative to the Committee. The chairman explained it had been decided to terminate all subscriptions to the Fund at the end of 1945, and secretaries of Pharmaceutical Committees had been advised that the penny-in-the-£ scheme should terminate with the deductions made from fees for N.H.I. scripts dispensed during September. Pharmaceutical Committees had been thanked for their services, and, at the same time, asked to pass on the Committees' thanks to Clerks of Insurance Committees for their co-operation. Ten outstanding applications had been dealt with since the previous meeting of the N.P.U. Executive, three being approved, two regarded as outside the scope of the Fund, and five left over to enable further details to be obtained.

THE SECRETARY reported that, up to and including October 20, donations to the Business Purchase and Guarantee Fund totalled £1,344, and investments £170,198; special loans had been made to the value of £9,600

for urgent cases, and the grand total was £181,141. Twelve applications for loans had been received since the previous meeting of directors of N.P.U., Ltd. Consideration was given to the subject of loans in connexion with businesses situated in Scotland, and the secretary was instructed to report fully on the matter to the next meeting.

Chemists' Defence Association

A meeting of directors of the Chemists' Defence Association, Ltd., was held on October 24. THE SECRETARY reported that, out of twenty-three claims on hand, further developments were anticipated in connexion with seventeen, and approval was required for settlements in connexion with the six remaining (which were for three sponges lost after processing for beaching; damage to stair carpet, rug, blankets, and articles of clothing, due to caustic soda being supplied for paradichlorbenzene; personal injuries to customer alleged to have been caused by liquid stocking preparation supplied by member; compensation in respect of injuries sustained by lady who fell on a step outside a member's premises; injuries caused by the fall by a lady customer when leaving shop, due to faulty placing of rubber mat; loss of customer's camera). Settlement for these cases was approved and adopted. In two cases, legal advice had been given about rent, and one case had received legal advice concerning lease.

Chemists' Provident Society

A meeting of the Executive of the Chemists' Sickness and Provident Society was held on October 23, Mr. S. J. Stearn acting as chairman. THE SECRETARY reported that thirty-three new applications for membership had been received. The resignation of Mr. A. Dobson, owing to ill-health, was accepted with regret, the secretary being instructed to convey to Mr. Dobson the Executive's appreciation of his past services. The question of appointing an arbitrator for a vacancy caused by the death of Mr. J. T. Appleton was postponed until the next meeting. Sick pay paid to members from January 1 to October 11 totalled: male members, £2,368; women, £462.

Centenary Appeal.—The Centenary festival dinner of the Royal Commercial Travellers' Schools will take place at the Connaught Rooms, Great Queen Street, London, W.C.2, on December 14. It is hoped that old and new friends will support a One-hundredth Birthday Appeal.

CORRESPONDENCE

Eire Candidates' Thanks

SIR,—May we, through the medium of your columns, express our sincere thanks on behalf of the Guild of Pharmacy (Cork Centre) to the electors who voted for our three candidates. Our successful candidate (Mr. Daly) will endeavour to justify the confidence placed in him, and we view with satisfaction the number of votes polled.

Cork. W. A. FIELDING (*secretary*).

N.P.U. By-election

SIR,—Our secretary (Mr. P. Varley) has been selected by the Blackpool Branch of the National Pharmaceutical Union as its official candidate in the by-election in the North-western Division No. 1 created by the resignation of Mr. A. Dobson. Mr. Varley has been secretary of the Blackpool Branch of both N.P.U. and Pharmaceutical Society for seven years, and his keenness in pharmaceutical politics has become well known throughout the country. I appeal to all members of the N.P.U. who are within the area to vote for Mr. Varley, confident that in doing so they will be electing a real live wire who will promote and support every suggestion for the betterment of the private pharmacist.

A. R. SIDEBOTTOM, *Chairman*,
Blackpool. Blackpool Branch, N.P.U.

Pharmacists and Penicillin

SIR,—It is obvious that if retail pharmacists are to have penicillin for sale without restriction this winter they have a very hard fight in store for them. Penicillin production is apparently being held up whilst the Ministry of Supply and the British manufacturers haggle over economics, one of the difficulties being that plants, now obsolete, were put up at the Government's expense. Strong opposition to the general release of penicillin comes from certain quarters of the medical profession, one of their arguments being that, if supplies become plentiful to the many, strains of germs resistant to the drug will be produced. This seems a poor outlook towards the future conquest of disease. It will be interesting to see if we can grasp opportunity in this matter.

Yours faithfully,
Newquay. RAYMOND SMITH.

[It is understood that production of penicillin is improving, and supplies for general sale for export and home markets may be available early next year.—EDITOR.]

OVERSEAS TRADE NEWS

French Soap Ration to be Doubled.—Paris radio stated recently that the soap ration in France would be doubled during October.

Synthetic Caffeine Plant for U.S.—The Monsanto Chemical Co. has announced plans for the construction of a synthetic caffeine plant in the U.S. costing $1½ million.

U.S. Lead Control Ended.—Reuter reports from New York that all restrictions on the use of lead in the manufacture of chemicals have been removed by the War Production Board.

Pharmaceutical Industry at Leipzig Fair.—It is reported that 110 concerns represented the chemical, pharmaceutical and food industries at the Leipzig sample fair, held between October 18 and 23.

Egypt Obtains DDT from U.S.—A Cairo message states that Egypt has received forty-four tons of DDT from the United States. It will be used in the public health authorities' campaign against typhus and recurring fever.

Chemical Heater Pads for Canada.—Chemical heater pads for use in connexion with machineless permanent hair-waving will be exempt from the 25 per cent. excise tax imposed on imports into Canada of toilet articles. Permanent waving pads are not exempt.

Argentine Olive Production.—The "third official estimate" from Buenos Aires places the Argentine 1944–45 olive crop at 9,565 metric tons, an increase of 35·1 per cent. over the 1943–44 figure; 5,664 tons is expected to be used for the production of olive oil.

Two Sulphuric Acid Factories for Palestine.—The Palestine administration is reported by Reuter to have granted concessions to two groups of industrialists for the erection of sulphuric-acid factories. A third company (the Palestine Potash Co.), is also reported to be planning the erection of a factory for manufacture of the acid.

Japanese Chemical Industry Investigation.—A Reuter message from Tokio states that the Allied Command has demanded a sweeping inventory of Japan's entire chemical industry, and a report covering all existing manufacturing facilities and chemical stocks. They include acids, solvents, alcohols, nitrogen and other fertilisers, pharmaceutical products, drugs, fats, oils and plastics as well as other chemicals. The Japanese Government has also been ordered to provide a full account of the country's narcotic resources, including stocks of seed and processed drugs.

Australian Talc Requirements.—Australian requirements of talc are now being almost completely supplied from deposits in the Gumeracha district of South Australia. To assist local producers to hold the market, a process for the removal of impurities and the production of a high-grade uniform product is being investigated at the Adelaide School of Mines.

Australian Eucalyptus Oil Increase.—The Australian Prices Commission has recently granted an increase of 6d. per lb. on the price of bulk sales of unrefined medicinal eucalyptus oil. The Prices Commissioner states that the reason for the increase is higher production costs due to low oil yield through drought conditions in districts where distilleries are operating.

Argentine Vegetable Oils.—A Buenos Aires message dated October 22 states that agreement has been reached by the Argentine Government with the U.S. Commercial Co., for the sale of 23,500 tons of sunflower, cotton and rape oils, plus 70,000 tons of by-products, under the terms of a Treaty concluded on May 9, 1945. Prices are subject to cancellation of the 25 pesos-per-ton export tax, and to Argentine Government export licence.

U.S. Office of International Trade.—Mr. Henry A. Wallace (United States Secretary of Commerce) announced on October 19 the establishment in the Department of Commerce of an Office of International Trade Operations to administer export control and other functions transferred to the Department from the Foreign Economic Administration. Functions transferred include export control and responsibilities in the field of technical industrial intelligence.

South Africa's Soap Supply.—The Controller of Soaps and Oils for the Union of South Africa has received advice from the combined planning authorities overseas that the Union can now expect supplies of soap-making materials in accordance with all its requirements. The supplies will come from the Belgian Congo area, from which the Union has been drawing the greater proportion of its soap-making oils for the past few years. The supply of edible oils and fats is also assured.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include exceptional marine risk insurance and other abnormal charges payable under present conditions

28 Essex Street, W.C.2, October 31

ALTHOUGH the volume of business transacted in the drug markets during October has not been large, there is evidence of its steady character, and some promise of better trade in the not-too-distant future. At present the markets are rather overshadowed by the continuing docks strike, which delays merchants in delivering goods for export or obtaining much-needed merchandise from the wharves. The firm tendency recently noted in prices generally has been maintained, and a few further price advances are recorded. A gradual easement in the supply position is becoming apparent, but the tendency will not be fully established for some time to come. The only important price change in PHARMACEUTICAL CHEMICALS is an advance in CHLORAL HYDRATE.

A routine trade continues in the CRUDE DRUGS section, but the quantities involved are by no means large. Price movements have been few, and without particular significance. No more Curaçao ALOES is to be had at present, but a small quantity of Cape is offering. CHILLIES command a higher price. ERGOT is in poor demand, but firm conditions obtain in the spot market. GUM ACACIA is at the higher levels quoted during recent weeks. Further supplies of Brazilian MENTHOL are not likely to arrive this year. NUTMEGS are in short supply, and high prices are being asked.

There is little of interest to note in the ESSENTIAL OILS markets except that high prices are being asked for the remaining negligible supplies of oils outside the scope of the control scheme. There are no changes in fixed OILS or FATS.

Import Control Relaxed

The Botanical Drug Importers' section of the London Chamber of Commerce has been informed by the Directorate of Medical Supplies that certain relaxations in import control are under consideration, and that, for the time being, it is proposed to consider import licence applications without limitation as to quantity or datum-period eligibility, in respect of the following: ACONITE ROOT, ARECA NUTS, CASCARILLA BARK, GUM GUAIACUM and NUX VOMICA. The quota arrangements that have been in operation for these articles are therefore suspended.

Exchange Rates on London

Bank of England fixed rates at the opening on Wednesday morning were:—

Centre	• Quoted	October 31
*Alexandria	Piastres to £	$97\frac{3}{8}$–$97\frac{5}{8}$
Brussels	Francs to £	$176\frac{1}{2}$–$176\frac{3}{4}$
*Chungking	Per $	$2\frac{31}{32}$–$3\frac{1}{16}$
Copenhagen	Kroner to £	19.32–19.34
Dutch West Indies ..	Florins to £	7.58–7.62
Paris	Francs to £	$199\frac{7}{8}$–$200\frac{1}{8}$
Lisbon	Escudos to £	99.80–100.20
Montreal	Dollars to £	4.43–4.45
New York	Dollars to £	$4.02\frac{1}{2}$–$4.03\frac{1}{2}$
Stockholm	Kronor to £	16.85–16.95
Zurich..	Francs to £	17.30–17.40

* Free market rates

U.S. Drug Market Report

New York, October 26

THE raising of price restrictions from a large number of botanical drugs has not yet affected price levels, but inflationary trends abroad may eventually be reflected in an upward trend in spot prices. Local importers are able to obtain only limited supplies of ARROWROOT, owing to the reduced level of production in the British West Indies, caused by shortage of labour and equipment. About half of the remaining lots of VANILLA BEANS scheduled to come from Madagascar are still on the dock. The goods are unloaded, but only 125 tons remain to be exported to the United States under present arrangements. Attempts are being made to discover how TREPTOMYCIN, a penicillin-like drug, can be produced economically and in commercial quantities. Production of PENICILLIN, meanwhile, is reported to be falling off, and the current supply position is tight, with export orders encountering some difficulties. Official figures just released indicate that stocks of GLYCERIN declined 8,164,000 lb. during August to 51,134,000 lb. at the end of the month. Most oils sought by perfumers and toilet goods manufacturers remain scarce. Only token quantities of FLORAL OILS have been received from France, and the supply position of CITRONELLA from Ceylon is difficult. The general belief is that it will be some time before replacements of Java CITRONELLA become possible. Export demand for CHEMICALS steadily expands.

Pharmaceutical Chemicals

ACETANILIDE.—Makers' prices are steady at 2s. 3d. per lb. for crystals and 2s. 6d. for powder.

ASPIRIN.—Prices per lb., for lots of 28 lb.–1 cwt., are as follows (containers in brackets): 4s. 1d. (1-lb.); 3s. 11½d. (4-lb.); 3s. 10½d. (7-lb.); 3s. 10d. (14-lb.). Terms: Net one month.

BORAX.—Current rates per ton are as follows: B.P. quality, granulated, £38; crystal, £39; powder, £39 10s. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered, carriage paid in Great Britain in one-ton lots and upwards.

BORIC ACID.—Current rates per ton are as follows: B.P. quality, granulated, £60; crystal, £61; powder, £62. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots and upwards.

CHLORAL HYDRATE, B.P.—Prices have been advanced as follows: 1 cwt., 3s. 10d. per lb.; 56 lb., 4s.; 28 lb., 4s. 2d.; 14 lb., 4s. 6d.; 7 lb., 4s. 9d.; smalls, 5s. 3d.

CODEINE.—Current prices per oz., for small lots, are as follows: BASE.—½ oz., 55s. 3d.; 1 oz., 52s. 9d.; 2 oz., 51s. 3d.; 3 oz., 50s. 6d.; 4 oz., 50s. 3d. HYDROCHLORIDE.—½ oz., 50s.; 1 oz., 47s. 6d.; 2 oz., 46s.; 3 oz., 45s. 3d.; 4 oz., 45s. PHOSPHATE.—½ oz., 43s. 9d.; 1 oz., 41s. 3d.; 2 oz., 39s. 9d.; 3 oz., 39s.; 4 oz., 38s. 9d.

CREAM OF TARTAR.—A new price schedule under the Order amending the Tartaric Acid and Cream of Tartar (Control and Maximum Prices) Order, 1944, was given last week (p. 441).

GLUCOSE.—Home trade prices per lb. for powdered monohydrate are as follows: 14 lb.–28 lb., in 14-lb. lots, 11¾d.; 28 lb.–112 lb., in 14-lb. lots, 11¼d.; in 28-lb. lots, 10¼d.

LACTATES.—Prices are as follows: LACTIC ACID.—Six-winchester lots, 3s. per lb.; smaller quantities, 3s. 1d. CALCIUM LACTATE.—Small quantities, 2s. 5d. per lb. CALCIUM SODIUM LACTATE.—Powder, small lots, 3s. 7d. per lb.; 14-lb., 3s. 4d.; 28 lb., 3s. 2d.; granular, one penny per lb. extra.

MAGNESIUM CARBONATE, HEAVY.—Home market prices per lb. are as follows:—

Quantity	In containers of				
	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
	s. d.	s. d.	s. d.	s. d.	s. d.
1 lb.– 4 lb.	1 11	—	—	—	—
4 lb.– 7 lb.	1 10	1 8½	—	—	—
7 lb.–14 lb.	1 9	1 7½	1 6½	—	—
14 lb.–28 lb.	1 8	1 6½	1 5½	1 5	—
28 lb.–1 cwt.	1 7	1 5½	1 4½	1 4	1 3

Prices net one month.

PULV. BISMUTH. CO., N.F.—Prices per lb. current in the home market, for quantities of 28 lb.–1 cwt., are as follows (containers in brackets): 2s. 6d. (1-lb.); 2s. 4½d. (4-lb.); 2s. 3½d. (7-lb.); 2s. 3d. (14-lb.); 2s. 2d. (28-lb.).

MAGNESIUM TRISILICATE.—Prices per lb. current in the home market are:—

Quantity	In containers of				
	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
	s. d.	s. d.	s. d.	s. d.	s. d.
Under 4 lb.	4 1½	—	—	—	—
4 lb.– 7 lb.	4 0½	3 11	—	—	—
7 lb.–14 lb.	3 11½	3 10	3 9	—	—
14 lb.–28 lb.	3 10½	3 9	3 8	3 7½	—
28 lb.–112 lb.	3 9½	3 8	3 7	3 6½	3 5½

Prices net one month.

SALICYLIC ACID.—Quoted per lb. as follow in lots of 28 lb.–1 cwt. (containers in brackets 2s. 7d. (1-lb.); 2s. 5½d. (4-lb.); 2s. 4½d. (7-lb. 2s. 4d. (14-lb.).

VANILLIN.—The agreed prices are unchange as follows: 5 cwt., 21s. per lb.; 1 cwt., 21s. 3d 56 lb., 21s. 6d.; less than 56 lb., 21s. 9d. per l

Crude Drugs

ALOES.—Cape is being offered at around 95 per cwt., c.i.f., U.K. It is understood th Curaçao has been cleared.

ANTIMONY.—Prices are unchanged and bus ness is quiet. English minimum 99 per cen regulus, £112 10s. per ton, delivered; 70 p cent., for the home trade, £90.

ARECA NUTS.—The spot market appears t have been cleared.

BALSAMS.—*Canada*, in small supply on spo from 13s. 6d. to 14s. per lb.; *Peru*, 8s. per lb *Tolu* and *Copaiba*, unobtainable.

BELLADONNA.—English herb is quoted 4s. 6d. per lb. Indian root, testing 0·25 p cent., 2s. 3d. per lb.

BISMUTH.—Price of the metal is steady 6s. 3d. per lb.

BUCHU LEAVES.—In small compass on sp at 5s. 3d. to 5s. 6d. per lb.

CASCARILLA.—Spot price remains at approx mately 3s. 3d. to 3s. 6d. per lb.

CHAULMOOGRA.—*Hydnocarpus*, spot, 2s. p lb., in tins in cases.

CHERRY BARK.—In small supply on spot 1s. 7d. per lb.

CHILLIES.—Dearer at 120s. to 130s. per cw according to seller.

CINNAMON CHIPS.—Available on the spot 2s. 2d. per lb., ex store.

CLOVES.—Very firm, with Zanzibar quot on the spot at 1s. 7d. per lb., London; arrive, 10¼d., c.i.f.

COCHINEAL.—Spot price of silvers remai steady at 5s. 9d. per lb.

COCOA BUTTER.—Maximum official price 1s. 5½d. per lb., except for sales under licence

COLOCYNTH.—Good-quality pulp is offer by dealers at 2s. 6d. per lb., spot.

DIGITALIS LEAVES.—Prices are unchanged. 'ortuguese, spot, 140s. per cwt.; English-rown, 2s. 6d. per lb.

ERGOT.—Not much demand, but the market very firm. Supplies are short and the spot rice would be not less than 7s. per lb.

GINGER.—West African, spot, 85s. per cwt. The first forecast of the ginger crop in Madras Province r 1945 ("Indian Trade Journal") states that the area ider ginger up to August 25, 1945, is estimated at ,900 acres in Malabar and 700 acres in South Kanara, against 12,700 acres in Malabar and 600 acres in uth Kanara, estimated for the corresponding period of e previous year. The condition of the crop is reported be satisfactory and the yield per acre is expected to normal.

GUM ACACIA.—Firm. Kordofan cleaned sorts, ot, 76s. per cwt., London; 74s., Liverpool; and s., Manchester; bleached, spot, 150s.; Talha, eaned, 42s. 6d.

HENBANE.—Indian, spot, 250s. per cwt.; gyptian (*muticus*), 85s.

JALAP.—The following grades are available spot: 10·1 per cent., 3s. 6d. per lb.; 13·2 r cent., 4s.; 14·4 per cent., 4s. 3d.

KAMALA.—Material testing 6 per cent. ash ay be obtained on spot at 2s. 9d. to 3s. per lb.

KARAYA GUM.—Indian No. 1 material is steady spot at 210s. per cwt.

MALE FERN ROOT.—Spot price of Indian ntinues at 77s. 6d. per cwt.

MENTHOL.—As noted last week (p. 440) ences are to be recommended for importation the natural product, but in view of the date application (November 10) it is unlikely that y further supplies of menthol will become ailable this year. The small quantities here priced at 77s. 6d. to 82s. 6d. per lb.

MERCURY.—Prices are controlled by the ntrol of Mercury (No. 11) Order (*C. & D.*, tober 13, p. 388).

MYRRH.—Good-quality Aden sorts is quoted spot at £18 per cwt.

NUTMEGS.—The tight supply position con-ues. Currently quoted prices are as follows: st Indian, 80's, 3s. 10½d. per lb.; sound assorted, 3s. 7d.; wormy and broken, 4½d., nominal.

PEPPER.—Whole, not picked over or cleaned, sale to processors, is officially priced at 4d. per lb. for white and 1s. per lb. for black. he first forecast of the pepper crop in Madras Province 1945 ("Indian Trade Journal") states that the area er pepper up to August 25, 1945, in the districts of abar and South Kanara is estimated at 99,700 acres 800 acres in Malabar and 8,900 acres in South Kanara) gainst 100,500 acres (91,800 acres in Malabar and o acres in South Kanara) estimated for the corre-nding period of the previous year. Crop condition is and yield per acre is expected to be normal.

PIMENTO.—Market remains firm at the higher el noted last week.

QUASSIA CHIPS.—Spot supplies appear to cleared. January delivery, 40s. per cwt.

QUILLAIA BARK.—Natural, spot, 95s. per .; cut, 110s.

EEDS.—In quiet demand, with no price changes to record. Current rates are as follows: CORIANDER.—Indian, none available, price nominal at 92s. 6d. per cwt.; Russian, fair amount here, but demand small, price 92s. 6d.; English, limited stocks, price 90s. to 95s. per cwt. CUMIN.—Maltese, 150s., paid; Indian, none available. DILL.—London, 80s.; Liverpool, 80s. FENNEL.—Supplies exhausted, nominal. FENUGREEK.—London, 70s.; Hull, 70s.

SENEGA ROOT.—Spot supplies are quoted at 11s. per lb.

SENNA.—Alexandrian hand-picked pods are in good demand; price nominal at 4s. per lb. Good manufacturing Alexandrian pods, 2s. per lb. Tinnevelly leaves, No. 1, 10½d. per lb.; No. 2, 8½d.; No. 3, 7d.

SHELLAC.—The Ministry of Supply has withdrawn the embargo on the re-export of certain grades of shellac.

STROPHANTHUS SEED.—Kombé, 100 per cent., is steady on spot at 7s. 6d. per lb.

TRAGACANTH.—Medium grades are quoted as follows: No. 1, white, £135 per cwt.; No. 2, white, £115; No. 3, white, £100; No. 4, white, £85; pale leaf, £60; amber leaf, £50; dark amber, £35; brown leaf, £25; red-and-brown leaf, £20; red leaf, from £17; hoggy, £12 to £15.

TURMERIC.—Spot supplies are exhausted; a little c.i.f. business is reported in Madras finger at 62s. per cwt., U.K.

WAXES.—CARNAUBA.—Fatty grey, spot, 550s. per cwt.; March–April, 500s., c.i.f.; prime yellow, spot, 650s.; March–April, 575s.; chalky grey, spot, 530s.; March–April, 490s., c.i.f. CANDELILLA.—Spot, unobtainable; December–January arrival, 250s. per cwt., nominal.

Essential and Expressed Oils

CASTOR.—Bulk supplies are officially quoted as follows: "Firsts," £82 per ton; "seconds," £80, both naked ex works.

COCONUT.—Fixed prices are as follows; Crude, £49 per ton; refined deodorised, £49; refined hardened deodorised, £53.

CLOVE.—Price of English-distilled oil is unchanged at 12s. 6d. to 13s. per lb.

COTTONSEED.—Controlled prices for bulk supplies are as follows: Crude, £52 2s. 6d.; washed, £55 5s.; refined edible, £57; refined deodorised, £58 per ton; all varieties are quoted naked ex works.

GROUNDNUT.—Refined deodorised in bulk lots is quoted at £58 per ton, ex works.

NUTMEG.—In short supply at 55s. to 60s. per lb. for English distilled.

OLIVE (EDIBLE).—Price charged to wholesaler by importer is 25s. 9d. per gall., ex store. Prices charged by wholesalers to retailers are agreed by Ministry of Food as follows: 33s. 6d. per gall., in 1-gall. loan cans; 34s. 3d. in ½-gall. loan cans; 35s. in 1-quart loan cans; 36s. per gall. in 1-pint cans.

RAPESEED.—Officially priced at £88 per ton, crude, naked ex works, in bulk lots.

TRADE MARKS

(*From "The Trade Marks Journal," October* 10)

"TIMEX"; for industrial chemicals and chemical substances for preserving foodstuffs (1); for pharmaceutical and sanitary substances; infants' and invalids' foods (5); for all goods (29 and 30). By The Times Food Products Co., Ltd., 60–86 Regent Street, London, W.1. 634,024–28, 631,962–63 (All Associated).

"VERACOL"; for photographic plates, films (sensitised), paper and chemicals (1). By Ilford, Ltd., 23 Roden Street, Ilford, Essex. 635,526.

"OPAL"; for household ammonia (3). By A. Finlay, Ltd., Victoria Square, Belfast, N. Ireland. 635,223.

"ALPINE"; for disinfectants (5). By Hull Chemical Works, Ltd., 1–4 Kirkby Street, Hull. B633,119 (Associated).

"AKTAVITE"; for pharmaceutical preparations for human use in the treatment of vitamin deficiency conditions (5). By Nicholas Proprietary, Ltd., c/o Haseltine, Lake & Co., 28 Southampton Buildings, Chancery Lane, London, W.C.2. 626,222 (Associated).

"EEZONA"; for medicated substances for external human use (5). By G. H. Cowley, Peacehaven, Ballagawne, Baldrine, Isle of Man. 634,214.

"VI-ROCHETTE"; for pharmaceutical substances (human and veterinary); infants' and invalids' foods (5). By Roche Products, Ltd., 40 Broadwater Road, Welwyn Garden City, Herts. 634,429 (Associated).

"VALISPA"; for pharmaceutical preparations for internal human use (5). By The Pilkington Chemical Manufacturing Co., Ltd., 110 Warton Street, Lytham, Lancs. 634,659.

Device of an owl enclosed in circle containing words "C. J. Hewlett & Son, Ltd., London, E.C.2; and letters "S.B.T." beneath (disclaimed); for medical preparations and pharmaceutical preparations and substances (5). By C. J. Hewlett & Son, Ltd., 35–43 Charlotte Road, London, E.C.2. 635,065 (Associated).

"OVASTOL"; for medicated tablets (5). By W. J. Rendell, Ltd., 161–65 Rosebery Avenue, London, E.C.1. 635,141.

"EVIDORM"; for pharmaceutical preparations and substances (5). By Bayer Products, Ltd., 14 Waterloo Place, Pall Mall, London, S.W.1. 635,311 (Associated).

"BARODEX"; for all goods (5). By the Wellcome Foundation, Ltd., 183–93 Euston Road, London, N.W.1. 635,331 (Associated).

Device of hand grasping arrow, with initials "R.C." and word "Limited," and scroll beneath containing words "Nec Minus Fortiter"; for photographic and scientific apparatus for sale within a radius of fifty miles from the Town Hall of Huddersfield. By R. Cuthbert, Ltd., 10 and 12 Westgate, Huddersfield. B630,407.

"HONISERVES"; for honey preserves (29). By Copper Kettle Preserves, Chester Walk, Cheltenham Spa. 634,821.

"BARDIC"; for brushes (2). By Cooper Richards (Wales), Ltd., Invicta Brush Works, Duffryn Road, Taibach, Port Talbot, Glam. 635,412.

APPLICATIONS AMENDED AFTER ADVERTISEMENT

Specification No. 630,382, by Pickups, Ltd. should be altered so as to read, "Chemical substances prepared for use in medicine and pharmacy, none being for use in the treatment of corns."

Specification No. 634,920, by Bayer Products Ltd., should be altered so as to read, "Insecticides and fungicides for agricultural and horticultural purposes.

APPLICATION AMENDED AFTER OPPOSITION

Specification No. 622,813, by J. Richardson & Co. (Leicester), Ltd., should be altered so as to read, "Pharmaceutical preparations for the eyes, but not including preparations in tablet form for making eye lotion."

(*From "The Trade Marks Journal," October* 17)

"IM"; for industrial plastics (1). By Injection Moulders, Ltd., Greycoat Street, London, S.W.1. 628,871.

"LETIZIA"; for chemical agents for stiffening starch and for reducing starch to a fluid state, etc. (1); also for edible oils and fats (29). By Minetti & Compania Limitada, Sociedad Anonima Industrial Y Comercial, c/o F. Potter & Clarkson, 18 Park Row, Nottingham. 635,187–88.

"NUSWIFT"; for chemical refills for fire extinguishing apparatus (1). By The Nuswift Engineering Co., Ltd., Protector Works, Elland, Yorks. B635,952.

"SHAINRAIN"; for soaps, stain-removing preparations, etc. (3) By Museum Drug Stores, 60A High Street, Godalming, Surrey. 635,090.

"DAINTY DINAH"; for soaps, laundry preparations, etc. (3). By Osogood, Ltd., Fruit Exchange, Victoria Street, Liverpool, 2. 635,608.

"ST. MARY'S"; for medicated ointment (5). By St. Mary's Oil Co., Haddon, Bryn Pydew, Llandudno Junction, N. Wales. 629,885 (Associated).

"ALAMALIN" and "MENOVOL"; for pharmaceutical preparations and substances (5). By Bayer Products, Ltd., 14 Waterloo Place, Pall Mall, London, S.W.1. 634,19[illegible] (Associated), 635,222.

"BONOSIL"; for medicinal preparations (5). By Westminster Laboratories, Ltd., Chancery Lane, London, W.C.2. 635,474.

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to present conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2 is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the *C. & D.*, 17 Argyle Street, Bath, Somerset.

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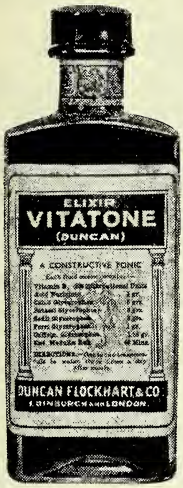

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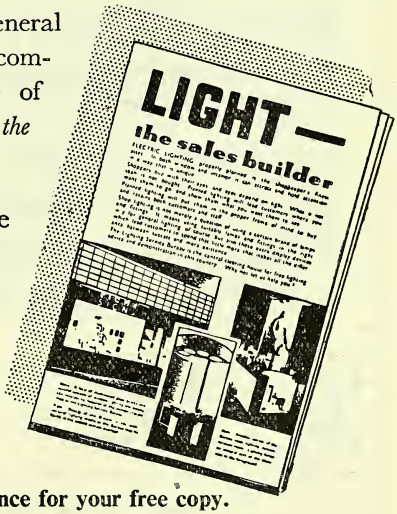
Special lighting for displays, for general lighting and for showcases—in fact, recommendations for practically every type of business are dealt with in *Light — the Sales Builder*.

The diagrams and hints will be of the utmost interest *now* and in preparation for the time when shop window lighting and unrestricted shop lighting are once again permitted.



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ELECTRIC LAMP MANUFACTURERS ASSOCIATION OF GREAT BRITAIN LTD

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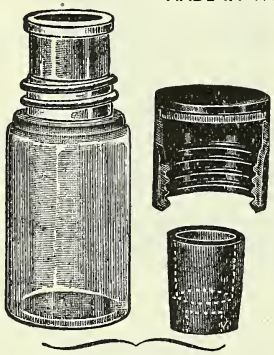
MAINTAINED BY THE ELECTRIC LAMP MANUFACTURERS' ASSOCIATION

The 'Clinbritic' Vaccine Bottle

Patent No. 492200
MADE IN WOOD'S ALKALI FREE AMBER or WHITE GLASS



Assembly Details

A new type of Multiple injection "vaccine" bottle which possesses several points of interest and offers a very near approach to the ideal.
No Wiring is necessary, and there is no distortion or bursting of the rubber cap even at pressures up to 50 lbs.
The india rubber vaccine cap, of special design, is protected by a screw bakelite cap, and provision is made for maintaining the sterility of the outside surface of the vaccine cap.
No manipulation whatever is required after sterilization.

Samples, Prices and Full Details on Request

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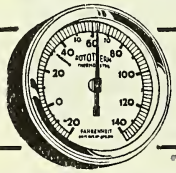
Rototherm
DIAL THERMOMETERS

Thermometers for Oven and Hot Water Pipes, Room Temperatures & Refrigerators



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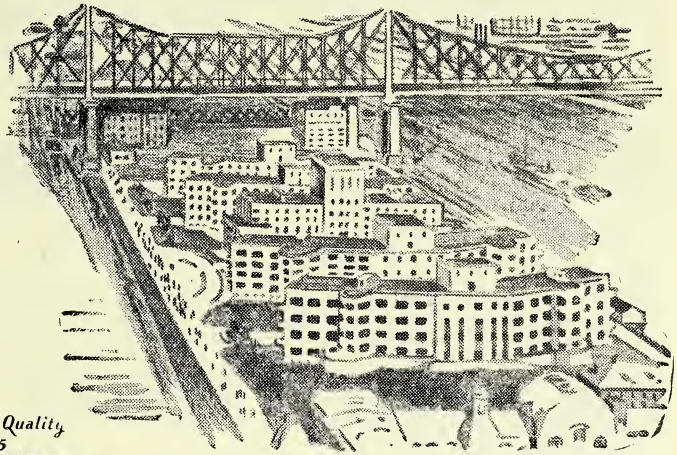

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LIL-LETS are packed in attractive cartons containing 4 packets of 3, wrapped in transparent film.

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1/9 *PER CARTON OF 12 TAMPONS*

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15/4 *PER DOZEN CARTONS NET*

Lil-lets

Made in England by
T. J. SMITH & NEPHEW LIMITED
NEPTUNE STREET, HULL
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Dire need of new clothes so . . .

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3d. PER PACKET · TERMS 27/- GROSS
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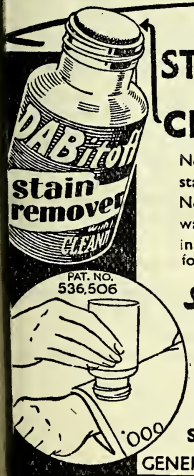

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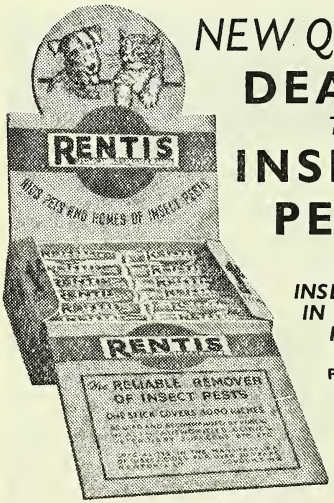

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The Certain Killer

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(3) Rodine Phosphorus Rat Poison hardly misses a rat.

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RODINE Phosphorus RAT POISON

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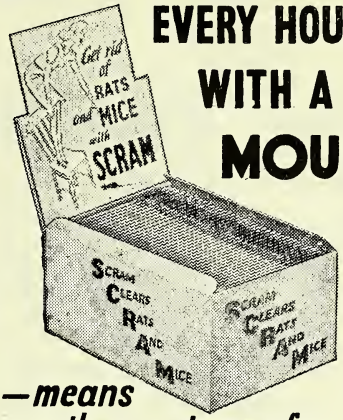

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AS ADVERTISED

A gentle natural corrective for sluggish bowels. Purifies the blood, promotes sound sleep and regular habits.

BONUS PARCEL *for Display*	
1 of each size BONUS	
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That's what

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Advertising is saying to your customers

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to ensure that sufficient stocks of YESTAMIN Vitamin Yeast Tablets, 100 for 1/1½d., 300 for 3/-, are available to meet increased demand.

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FOR INDUSTRIAL WELFARE

FOR HEAD LICE
CELETANE (Regd.)
Medicated (Lethane) Hair Oil—N.W.F.
Undetectable in use. Rapidly effective.

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Benzyl Benzoate—25%
An emulsion of high efficiency, extremely effective in the treatment of this infestation.

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RELIABLE
ELASTIC HOSIERY
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Snoods	11/- doz.
Sleeping Nets..	9/9 ,,
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All Grades—Powder, Leaf, Sheet.

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SELMER CHEMICAL CO., 1 Newton St., London, W.C.

TIN BOXES FOR SALE

We can now supply Oblong Tins for Pills and Tablets, Rouge Tins, Ointment Tins, Talcum Tins, Polish Tins, etc., at competitive prices and invite inquiries, stating quantities required.

PERCENTA, LTD., 69–73 Borough High Street, London, S.E.1. Tel: HOP 1808/375

SAFETY RAZORS

All Metal, Nickel Plated, will take any 3-hole slotted type or Gillette blade. Limited supplies now available at 16s. per dozen plus 33⅓ per cent purchase tax. Postage 7d. extra on orders under 3 dozen.

NAIL FILES

Metal, triple cut, 3⅞ in. long. Today's best value at 40s. per gross plus 100 per cent. purchase tax. Immediate delivery, minimum order 6 dozen.

M. Clements, Ltd., 57-58 Wells Street Oxford Street, W.1

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

NOVEMBER 3 1945

28 ESSEX STREET, LONDON, W.C.2

Prevailing restrictions and heavy demand on space necessitate the holding over of a number of advertisements week by week. As normal press days are in abeyance advertisers are advised to send instructions as early as possible. Advertisements must be prepaid. Box Office Numbers 1/- extra

SITUATIONS OPEN

7 6 for 40 words or less, 2d. for every additional word.

None of the vacancies in these columns relates to a n between the ages of 18 and 50 inclusive or a man between the ages of 18 and 40 inclusive unless or she is excepted from the provisions of the Control Engagement Order, 1945, or the vacancy is for em- yment excepted from the provisions of that Order.

RETAIL (HOME)

MULTIPLE firm of Chemists require the services of an experienced Chemist Optician in an ractive area very near to London; the prospects red are considerable. Particulars in confidence 32/759, C. & D. London Office.

QUALIFIED Lady required as Assistant Manageress; ample staff; very easy hours; £8 8s. kly; congenial post. Lewis & Harris, Ltd., Upper Street, Islington, N.1.

LLEN & HANBURYS, LTD., require the services of a keen Pharmacist for their West-End blishment. Apply Manager, Allen & Hanburys, 7 Vere Street, W.1.

SISTANT required, either sex, chiefly for Dispensing in good-class business. Usual pars to J. D. Millar, Park Langley, Beckenham, t.

RMINGHAM. Assistant, Unqualified, male or female, with good Dispensing and Counter rience. No Sunday or public holiday duty. y stating age, salary required and previous rience, etc., to Izon, Chemist, Aston, Birming- 6. This advert appears with permission of the stry of Labour.

MBRIDGE. A vacancy exists in Cambridge for an Unqualified Assistant, male or female, rienced in dispensing; this offers an excellent ion. Apply giving full particulars of age, rience, etc., to the Retail Drug Dept., Timothy es & Taylors, Ltd., Allen House, 70 Vauxhall e Road, London, S.W.1.

EMIST, London, requires temporary assistance with the pricing of stock books; Qualified or alified. Apply 632/772, C. & D. London

ENTRY. Pharmacist for Branch Manager- hip or relief, in the latter case an excellent tunity for young pharmacist to gain experience; nent and progressive position; superannua- no Sunday or half-day duties; fair remunera- ow and in the future. Send fullest particulars harmacist," Coventry & District Co-operative y, Ltd., Smithford Street, Coventry, as early sible.

PENSER–BOOK-KEEPER required by Doc- ors in North Northumberland. Apply, stating ence, references and salary expected, to Drs. nald, Belford, Northumberland.

PENSER-SECRETARY, experienced, required; typing an advantage but not essential. stating age, experience and salary required to, auchamp, 1 Wash Lane, Birmingham, 25.

PENSING Assistant, Unqualified, required for busy Institutional and Hospital Dispensary; male, £5 11s. 6d. p.w., inclusive; female, p.w., inclusive. Apply in writing with copies nt testimonials, to the Secretary, G.W.R. l Fund Society, Milton Road, Swindon, Wilts.

EXPERIENCED Assistant required, Qualified or Unqualified, lady preferred but not essential; pleasant post; Dispensing and Counter; high-class Toilet Agencies and Photographic; two other assistants kept; no Sunday or half-day duty. Miss C. M. Joyce, Ashby Square Pharmacy, Loughborough.

GREAT GRIMSBY CO-OPERATIVE SOCIETY, LTD., invite applications from Chemist Opticians or Chemists to fill the position of Superintendent to their newly-acquired Pharmacy. The position, which is a permanent one, offers considerable opportunity for development and progress to enterprising manager; there is also good living accommodation available if required. Apply stating age, experience, qualifications and fullest particulars regarding references and salary required, to Managing Secretary, 74 Garibaldi Street, Grimsby, endorsed "Chemist."

GLOUCESTER. Qualified young Assistant, either sex, for busy shop; permanency for right applicant. Send full particulars and wages required to Mr. R. Maxwell Hill, Gloucester Co-operative and Industrial Society, Ltd., Gloucester.

LADY, Unqualified, for Clerical work in chemist's office, London; permanency for suitable applicant. Apply 632/773, C. & D. London Office.

LADY (Unqualified), for West London Pharmacy. 632/747, C. & D. London Office.

LEICESTER. Temporary Manager required from now until June–July, 1946; owner of pharmacy in Royal Navy, Group 45. Applicant must have knowledge of small scale manufacturing and purchase tax application. 630/681, C. & D. London Office.

LIVERPOOL. Metcalfe & Co., Ltd., of 34 Landford Avenue, East Lancashire Road, Liverpool, 9, require a Pharmacist Manager to re-open one of their shops. No Sunday or half-day holiday duties; good conditions and wages. Apply by letter only.

LONDON. Male or female Pharmacist required to manage good dispensing and family business in Boston Manor. Congenial post in nice residential suburb of West London. Write full particulars to 630/683, C. & D. London Office.

LONDON, W.1. Assistant required, either sex, for good-class West End business; mainly for Dispensing; congenial position, reasonable hours; state experience and salary. Meacher, Higgins & Thomas, 105A Crawford Street, W.1.

LONDON, W. Assistant for Dispensing and Counter; hours 9 to 6, Saturday half day; no Sunday duty. Garner, 106 Kensington High Street, W.8 (opposite Underground Station).

MORLEY INDUSTRIAL CO-OPERATIVE SOCIETY, LTD., Albion Street, Morley, require Qualified Manager for Branch Pharmacy. Apply to the Secretary and General Manager giving full particulars including experience, wages required, references and when free.

OLDHAM CO-OPERATIVE CHEMISTS, LTD. invite applications from Pharmacists for the position of Branch Manager; permanency; superannuation scheme. Applications, stating age, experience, etc., to be forwarded to Oldham Co-operative Chemists, Ltd., King Street, Oldham.

PHARMACIST (male or female) required, full or part time; short hours; no Sunday or half-day duty; no living accommodation. State age, experience, salary required, etc., in first letter to Ryley Pratt, 60 High Street, Barnet, Herts.

PHARMACIST required. Apply, Staff Controller, William Whiteley, Ltd., Bayswater, W.2.

PHARMACIST required to act as Dispensing Assistant in a busy Institutional and Hospital Dispensary. Commencing salary £366 10s. p.a. inclusive. Apply in writing as soon as possible, giving full particulars with copies of recent testimonials to the Secretary, G.W.R. Medical Fund Society, Milton Road, Swindon, Wilts.

QUALIFIED Pharmacist required as Manager (lady or gent) in small country town; ample help given; no Sunday or half-day duty. Apply with usual details. A. G. Shum, Ltd., Chemists, Madeley, Wellington, Shropshire.

QUALIFIED Pharmacist required as Manager; previous experience as Manager not essential; good prospects and permanent position; commencing salary £350 plus bonus. State age, experience, qualification and when available, to Eric Holloway (Chemist), Ltd., Windmill House, Cradley Heath.

QUALIFIED, experienced, for good mixed business. Roberts (Chemists), Ltd., 1 Belgrave Road, Longton, Stoke-on-Trent.

QUALIFIED Branch Managers, permanent, required immediately, Denbighshire. Apply L. Rowland & Co., Ltd., Mitre Buildings, Brook Street, Wrexham, N. Wales, stating age, experience, salary required, enclosing photo (returnable) if possible.

QUALIFIED Manager wanted for family dispensing business in Poplar. Write age, experience and salary required to 630/684, C. & D. London Office.

QUALIFIED Pharmacist wanted, S.E. London, lady or gentleman; good post for the right applicant; partnership considered; no Sunday or half-day duty. All particulars in first letter, 630/709, C. & D. London Office.

SOUTH Bucks Village. Required Qualified Assistant for Counter and Dispensing; hours 9 to 6; no half-holiday or Sunday duty. Usual particulars to The Laboratory, Tylers Green, Penn.

WALSALL CO-OPERATIVE CHEMISTS, LTD. Two Pharmacists required as Branch Managers, house available in one instance; both are permanencies (probation period necessary), superannuation scheme in operation. Full particulars, salary required, to Superintendent Chemist, Walsall Co-operative Chemists, Ltd., 36 Upper Bridge Street, Walsall.

WANTED a Dispenser-Book-keeper; salary according to experience. Apply stating age. Dr. John Reid, 5 Grosvenor Road, Wrexham.

WELWYN GARDEN CITY. Pharmacist wanted as Buyer and Superintendent for dispensaries of Welwyn Stores (1929), Ltd. Please apply, stating age, qualifications, experience, and salary required, to Staff Manager, Welwyn Stores (1929), Ltd., Welwyn Garden City.

YOUNG Qualified Male Assistant, or experienced Unqualified, required for City Pharmacy; must be exempt from National Service. Application by letter only stating age, giving particulars of experience, references, when free and salary expected, to B. Hooper & Co., Ltd., 6 Railway Place, Fenchurch Street, E.C.3.

RETAIL (COLONIAL)

OVERSEAS EMPLOYMENT. Qualified Pharmacist (M.P.S.) with Optical qualification preferred, age 25–30, unmarried, required for permanent position with old-established British firm of Chemists with branches in West African Colonies. Service agreement provides for twenty months' tour, four months' leave on full pay; salary commencing £350 per annum, plus allowances at present of £75 per annum and living accommodation provided free; low income tax and contributory Pension Scheme in operation; first-class passage paid outward and homeward. Applications, with copies of testimonials and recent photograph, also the following essential details: (1) Full name; (2) date of birth; (3) National Service Registration Number and local office shown on Registration Card N.S.2; (4) medical grade (if known); (5) if discharged from Forces, particulars of service number, rank, unit and reasons for discharge; (6) details of present work; should be sent to The Secretary, Overseas Manpower Committee (Ref. 4264), Ministry of Labour and National Service, York House, Kingsway, London, W.C.2. Applications cannot be acknowledged.

OVERSEAS EMPLOYMENT. Required for large Departmental Store in Ceylon, Unqualified Chemist who has served his apprenticeship and has some general retail experience; 23 to 26 years of age; single; 4 years' engagement with probability of permanency if services satisfactory; commencing salary £360 and an allowance of at present £90 per annum; passage paid both ways, low income tax, Provident Fund and other benefits; preference given to ex-service man. Written applications (no interviews), giving the following essential details: Full name; (2) date of birth; (3) National Service Registration Number and local office shown on Registration Card N.S.2; (4) medical grade if known; (5) if discharged from the Forces, particulars of service number, rank, unit and reasons for discharge; (6) qualifications and experience; (7) name and address of present employers; (8) details of present work; should be sent to The Secretary, Overseas Manpower Committee (Ref. 1789B), Ministry of Labour and National Service, York House, Kingsway, London, W.C.2. Applications cannot be acknowledged.

WHOLESALE

APPLICATIONS are invited by a well-known firm of manufacturing chemists, 20 miles from London, for the following vacancies: (1) Pharmacist to take charge of tabletting and sugar coating departments; experience an advantage, ability to control staff essential. (2) Lady Pharmacist assistant in Ampoule department; recently qualified preferably with hospital or manufacturing experience. (3) Man, unqualified, to take charge of production laboratory; experience in general manufacture routine an advantage. The positions offered are permanent and progressive and good salaries will be paid to suitable applicants. Applications giving full details of age, education, experience and salary required in confidence to 631/724, C. & D. London Office.

ASSISTANT Works Chemist. Excellent opportunity for a man aged 35–45 with sound progressive firm of Manufacturing Chemists. Only applicants with first-class experience of manufacturing Pharmaceutical preparations, able to control raw materials and pass the finished product, need apply. A good salary with prospects is offered to methodical man capable of controlling staff. Written applications, which will be treated in strict confidence, must give the fullest details in the first instance of previous experience, salaries earned and age. 633/781, C. & D. London Office.

COST CLERK required by old-established Wholesale Druggists in S.E. London; must be accurate. Reply to 633/800, C. & D. London Office.

HIGH quality Toilet Requisites. Agents required for North Wales, Midlands, Lincs, North and Northern Counties. State territory covered, lines now carried. 632/768, C. & D. London Office.

JUNIOR Assistant for Cosmetic Laboratory (London, N.1) required for routine testing; experience in simple testing necessary. Apply 633/[illegible] C. & D. London Office.

LEADING firm of Soft Drinks Manufacturers require Industrial Chemist; Senior Student studying for Associateship; or Degree in Chemistry. Please reply, giving age, qualifications, experience and salary required. 633/795, C. & D. London Office.

MANUFACTURING Chemists require a Qualified Assistant for their Galenical Laboratory. Write, stating age, experience and salary, to Managing Director, Newsholmes, Ltd., 27 High Street, Sheffield.

QUALIFIED Manufacturing Chemist required, Assistant, pref. manufacturing and engineering experience; salary £400 with good prospects. Proprietary Medicine Manufacturers in Yorks. Reply stating age, experience and qualifications. 633/780, C. & D. London Office.

PRESENTATIVE required by Manufacturing Chemists for the London area south of the ; applicants must have good connexion with ists in this area; salary £500 per year, with uses. Write full particulars to Hanson, 22 St. 's Road, London, S.E.21.

PRESENTATIVE required by well-known Wholesale Druggists to develop old-established xion in Eastern Counties, with Doctors, Hospi- nd Chemists; must have a good knowledge of edical requirements, also own a car; salary, ses and commission. Reply stating experience, o 633/799, C. & D. London Office.

PRESENTATIVES required for Midlands and Eastern Counties by old-established London facturing Chemists. State age, experience and free. 632/770, C. & D. London Office.

DRY House requires Representative for South ondon area; salary, expenses and commis- connexion given but has been neglected; live man with connexion preferred, but will er applicants without connexion. 632/753, D. London Office.

LET Maker required for London factory ith up-to-date machinery. Apply 632/769, D. London Office.

LET Manufacturers in West Yorkshire require ssistant Manager with thorough knowledge iness; good prospects. Give full particulars lary required. 630/692, C. & D. London Office.

LET Coater required by Midland Manufac- ring Chemists. Write stating age and ex- e to 632/749, C. & D. London Office.

ERINARY REPRESENTATIVE. Burroughs Vellcome & Co. have a vacancy for a Qualified acist for this position; previous experience ential, but applicants should have a good knowledge of modern veterinary therapeutics. t is progressive and pensionable (contributory D. Applications (by letter only) which will be in strictest confidence, should include the articulars of age, height, present salary, aph if available, etc., and should be sent to nager, Veterinary Department, 12 Red Lion W.C.1.

EHOUSE MANAGER required by London Wholesale Chemists and Druggists; should be with both Home and Export trade. Reply 01, C. & D. London Office.

RIDING OF YORKSHIRE. Competent ablet Maker thoroughly conversant with ting and Machine Work; good prospects; rticulars, age, salary, etc. Write to 631/735, London Office.

-KNOWN manufacturers of Ethical Phar- aceuticals require medical propagandists for erritories (London and provinces); previous ce essential; applications welcomed from present in Services. State fullest details, salary required. 633/794, C. & D. London

TED. Representatives to work London, ncs, Yorks and Midlands with new D.D.T. de made by well-known and old-established nufacturing chemists; commencing salary s commisson; car provided. 632/767, C. & on Office.

ITUATIONS WANTED

18 words or less, 1d. for every additional word.

RETAIL (HOME)

Dispenser (Hall qualification) seeks spare- or full-time post; Hastings or district; ed hospital and surgery work. 632/774, London Office.

FIED Lady seeks part-time employment, olesale or Retail; London or easy travelling of Reigate. 631/732, C. & D. London Office.

WHOLESALE

TIC Chemists' Assistants to get in touch firms who are interested in manufacturing eting a new line of preparation. 632/777, ondon Office.

A YOUNG Representative (28), exempt, public school education, 9 years' experience calling on hospitals, dentists and anaesthetists, at present in Yorkshire, Lincoln and Lancs, seeks change on account of being expected to take other territory; 7 years' clean licence; highest references. 633/788, C. & D. London Office.

AUSTRIAN, invalid of British Army, 40 years of age, resident in Londonn, seeks to represent Manufacturers of Cosmetics, Bottles, Chemistry Sundries and Plastic Goods to Wholesalers, with the view of going to Continent (Middle Europe) as a Salesman and Buyer; 20 years' experience. Box 184, Strand House, London, W.C.2.

FREE shortly, Representative, established connexions, Hospitals, Medical and Veterinary Professions, Chemists; 18 years' experience. 633/783, C. & D. London Office.

PHARMACEUTICAL Chemist, with considerable experience of Factory and Production Management, seeks appointment in similar capacity with manufacturers of Pharmaceutical, Perfumery, Cosmetic, etc., preparations. 632/776, C. & D. London Office.

QUALIFIED, age 36, tall and fit; Public School education, "Square" trained; 10 years' experience highest class Retail Pharmacy; now demobilised after 3 years as Intelligence Staff Officer, Middle East and Balkans. Seeks responsible and progressive position with large wholesale concern in London. Prefer not to travel at present; minimum salary £450. 633/782, C. & D. London Office.

REPRESENTATIVE handling nationally-advertised proprietary (on quota) desires contact with manufacturers of similar commodity seeking representation, Midlands area; commission basis only. Full particulars requested. 632/763, C. & D. London Office.

TRAVELLER, demob. November, desires post with firm of repute where old territory of N., N.W., S.W., S.E., W.C. London, Middlesex, part Herts and Essex, Kent, Surrey, Sussex, Hants, Dorset, Wilts, Bucks, would be of use; own car; 9 years photographic; 3 years proprietories; salary, commission, allowances. 633/786, C. & D. London Office.

UNQUALIFIED, 20 years' manufacturing experience Pharmaceuticals and Toilets, desires post, Liverpool area; age 39; good appearance, physically fit; with initiative. 632/778, C. & D. London Office.

WANTED

7/6 for 36 words or less, 2d. for every additional word.

MANUFACTURERS of Cold Creams, Face Creams, Lanoline, etc., in a position to pack and supply substantial quantities for Wholesale Distributing House; must be clean and attractive pack. 632/764, C. & D. London Office.

STEAM-JACKETED Pan in Copper or Stainless Steel, 30–50 gallon, with or without mixing gear; also heavy Duty Mixer for powder granulation, 1 cwt. capacity. Full details to Manufacturing Chemists, 77 Cannel Street, Manchester, 4.

URGENTLY required 50 Glass Carboys in Wicker Cases to hold 4 to 5 gallons; good price paid. Rona Laboratories, 159 Finchley Road, London. Primrose 4882.

WANTED, by manufacturer, 2-, 3-, and 4-oz. Jars, white or amber, complete with screw caps; large quantities. Also 2-, 3-, 4-, and 6-oz. plain Medical or Toilet Bottles, also complete with metal or bakelite caps. Quantities and prices to 629/656, C. & D. London Office.

BUSINESS OPPORTUNITIES

7/6 for 40 words or less, 2d. for every additional word.

WELL-KNOWN London Company is forming an Irish Subsidiary, and would be pleased to hear from principals with regard to manufacture and/or distribution for Eire. Full laboratory facilities will be available, also highly skilled technicians. The products can be either pharmaceutical or toilet. 630/699, C. & D. London Office.

APPOINTMENTS

CITY OF MANCHESTER

MONSALL HOSPITAL (600 Beds)
APPOINTMENT OF PHARMACIST
(Temporary)

Applications are invited for the post of Temporary Pharmacist (non-resident) at the Monsall Hospital for infectious diseases, Newton Heath, Manchester, 10. Although the vacancy is on the permanent assignment of staff, the appointment will be temporary for the time being and, subsequently, the officer appointed will be eligible to apply for the permanent post.

Candidates should possess the qualification of "Pharmaceutical Chemist" as recognised by the Pharmaceutical Society of Great Britain, and have had experience in the work of a hospital dispensary.

The commencing basic salary will be £305 per annum, but further increments of £10, £15, £10 may be granted at the discretion of the Council. A temporary cost of living wages addition amounting, at present, to £60 per annum in respect of a male officer, and £48 5s. per annum in respect of a female officer, is payable in addition to the salary stated. The post is subject to the Manchester Corporation conditions of service.

Full information and forms of application may be obtained from the Medical Officer of Health, Hospitals Administration Section, G.P.O. Box 399, Town Hall, Manchester, 2, and applications for the post must be received by him not later than November 17, 1945.

Canvassing in any form, oral or written, direct or indirect, is prohibited.

PHILIP B. DINGLE,
Town Clerk.

Town Hall,
Manchester, 2.
October 26th, 1945.

HULL ROYAL INFIRMARY

Applications are invited from Registered Pharmacists for the post of Assistant Pharmacist (male or female) at the Branch Hospital. Vacant December 1. B.H.A. scale, plus lunch. Federated Superannuation Scheme. Applications stating age, experience and qualifications, and with copies of recent testimonials, to R. J. Carless, House Governor.

REDHILL COUNTY HOSPITAL

EARLSWOOD COMMON, REDHILL
ST. LUKE'S HOSPITAL, GUILDFORD

Assistant Pharmacist, temporary. Must be M.P.S. or Ph.C. Salary grade £250 plus £10—£300 p.a., plus bonus 23s. p.w. male, 18s. 6d. p.w. female. Apply to Medical Superintendent.

SURREY PHARMACEUTICAL COMMITTEE

Applications are invited from registered Pharmacists for the position of Secretary to the County of Surrey Pharmaceutical Committee. The commencing salary will be at the rate of £400 per annum with provision for superannuation. The appointment is a full-time one and applicants should not be under 30 years of age. Preference will be given to persons possessing secretarial experience and special consideration will be given to an ex-serviceman. Applications stating age, qualifications and experience, together with the names of three persons to whom reference may be made, should be received by the undersigned by 30th November, 1945. Canvassing, either directly or indirectly, will disqualify a candidate for appointment.

W. H. FOWLER,
Secretary.

66 Beeches Avenue, Carshalton.

WELLHOUSE HOSPITAL, BARNET

HERTFORDSHIRE COUNTY COUNCIL

PHARMACIST-IN-CHARGE required for the organisation of a new department, commencing salary £440 per annum plus cost of living bonus £59 16s. per annum for men and £48 2s. per annum for women.

The appointment will be subject to the Local Government Superannuation Act, 1937, and to medical examination.

Applications, stating age and experience, and accompanied by copies of three recent testimonials, should be sent to the Medical Superintendent.

EXPORT TRADE

EXPORT TO DENMARK. Old, financially stron import firm wants quotations on all kinds products and especially on Chemicals, Oils, Wa Fats, Tar Products. Please write R. Groth-Hanse Esbjerg, Denmark.

PRINCIPAL of Calcutta firm of Importers arrivi December would welcome meeting manufa turers desirous developing export trade with Indi Burma. Will consider agency rights for few select lines. Write 632/766, C. & D. London Office.

LARGE and old-established Norwegian Firm wan to buy Surgical Rubber Goods, Trusses, Instr ments, Hospital Supplies and Baby Trousseau Offers with illustrated price lists, if possible, 632/762, C. & D. London Office.

PARSI Firm with selling organisation througho India, modern storage accommodation a sound financial position, desires agency and dist bution of Plasters, Rubber goods, Patent Medicin Drugs, Chemicals, Beauty Products, Toilets a Perfumery, Food Products and also Presentati articles. Write R. N. Rustomji & Co., Post Box 8 Waudby Road, Bombay.

SWEDEN—HOLLAND

Well-reputed Agency firm, desirous of extending field of activities, is interested in representing co petitive exporters of Cosmetic articles, Chemicals f the cosmetic industry, Toilet articles, Rubber good first-class English, Swedish, and Dutch referenc E. Meylink, Kosmetic, Stockholm, De Geersgatan

SWEDISH Manufacturer of Chemical and Toi products desires contact suppliers of: Lane wax or water-soluble emulsion wax, fatty, alcoh sulphonate for shampoos, henna, sulpho-*p*-phen enediamine, sulpho-*p*-amidodiphenylamine, sulpho amidophenol, *p*-amidophenol-chlorhydrate, *p*-amic diphenylamine, paratoluylendiamine. Parfum Fragrance, Ostindiefaragatan 5, Malmö, Sverige.

AGENCIES

7/6 for 36 words or less, 2d. for every additional word

LIVE Agency with 7,000 accounts, cover chemists throughout the United Kingdom, prepared to accept further line with popular app for sole distribution—pharmaceutical, sundries toilet. Manufacturers are invited to submit sugg tions; alternatively, manufacturing facilities available. 630/711, C. & D. London Office.

MIDLANDS Sales Organisation desires good C metics Agency for wholesale and retail trad only first-class manufacturers considered, with vi to sole agency; also Babies' Teething Rings a Rattles required; agency or buy outright. 629/6 C. & D. London Office.

BUSINESSES WANTED

7/6 for 40 words or less, 2d. for every additional word

SMALL Drug Store suitable for elderly man, management. Please give full particulars, first instance, in strict confidence, to 632/765, C. & London Office.

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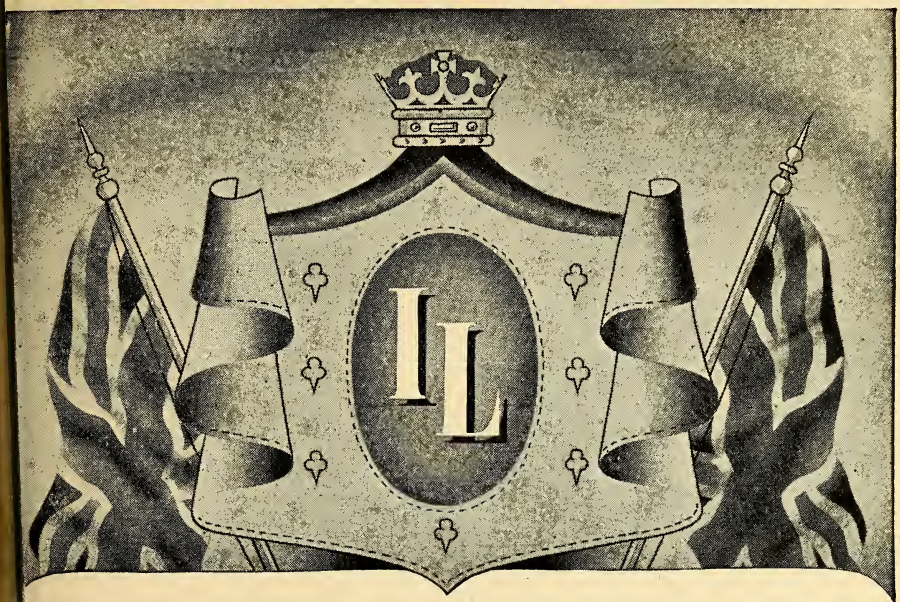
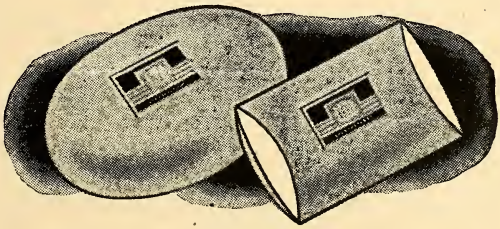


IMPERIAL LEATHER

The Aristocrat of Toilet Soaps

The superb quality of Imperial Leather Toilet Soap has created a demand amongst discriminating people considerably in excess of present supply facilities. We feel sure the trade will appreciate that in the circumstances delays in meeting orders are unavoidable, but we assure them that every effort is being made and will be made to secure equitable distribution.



Cussons SONS & CO., LTD., KERSAL VALE, MANCHESTER 7

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ENCIRCLES the WORLD

FOR DEPENDABLE PHARMACEUTICAL PRODUCTS OF UNVARYING QUALITY

TRADE COX MARK

Arthur H. Cox & Co. Ltd. BRIGHTO

MANUFACTURING & EXPORT CHEMIST

FOUNDED · 1839

A name that inspires confidence throughout the wo

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